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DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister
RT. HON. C. D. HOWE, M.P.

Deputy Minister
M. W. MACKENZIE

ANNUAL REPORT

OF THE

Board of Grain Commissioners
for Canada

FOR THE YEAR
1950



OTTAWA
EDMOND CLOUTIER, C.M.G., O.A., D.S.P.
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OTTAWA, CANADA

THE QUEEN'S
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ANNUAL REPORT

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Board of Grain Commissioners
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SEVENTEENTH

YEAR

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BOARD OF GRAIN COMMISSIONERS FOR CANADA

WINNIPEG, MANITOBA,
January 26, 1951.

Right Honourable C. D. Howe, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

SIR,—We beg to submit herewith the Annual Report of the Board of Grain Commissioners for Canada for the year 1950, in compliance with Section Twenty-three of The Canada Grain Act.

GENERAL CONDITIONS

Promising midsummer prospects of a near-record Canadian grain harvest in 1950 suffered a severe setback through heavy frost damage over many sections of the prairies in August and from relatively unfavourable harvesting conditions during the fall season which adversely affected both the yield and quality of the 1950 crop.

The wide disparity of average outturn estimates between Dominion Bureau of Statistics releases in August and November (indicated in brackets) reflects the rapid deterioration in crop outlook as the 1950 season advanced: Wheat, 544 (462); Oats, 433 (420); Barley, 184 (171); and Rye, 15 (13).

Although the area in Canada sown to wheat and rye during 1950 was down slightly from 1949, total production of these grains was estimated at figures substantially above the previous years. Increased yields for oats, barley and flaxseed on larger acreage raised production totals for 1950 to levels appreciably higher than for 1949. Crop volume outturn prospects for 1950, as indicated in the table below, considerably surpass the previous five-year average for all principal grains except flaxseed.

	1950		1949		5-year averages 1945-49	
	Acres	Production (Million Bushels)	Acres	Production (Million Bushels)	Acres	Production (Million Bushels)
Wheat.....	27.0	461.7	27.5	367.4	24.7	365.5
Oats.....	11.6	420.3	11.4	317.9	12.0	341.6
Barley.....	6.6	171.3	6.0	120.4	6.7	144.7
Rye.....	1.17	13.3	1.18	10.0	1.1	12.6
Flaxseed.....	.55	4.5	.32	2.3	1.1	9.3

Some indication of the quality loss of this year's crop may be gained through reference to car inspection data. During 1950, for the period August 1 to December 28 about 24% of all cars inspected were graded tough and damp, as against 3% last year for a comparable period.

1950 crop season car inspections up to the close of the calendar year also showed that straight grades of Hard Spring Wheat ranging from No. 1 to No. 3 Northern represented about 38% of total inspections in contrast with an 85% top wheat grade share of inspections in 1949.

At July 31, 1950, the total carry-over of wheat, oats, barley, rye and flaxseed in Canada amounted to 187,984,872 bushels, compared with 214,288,170 bushels the previous year.

Shipments of the five principal grains by vessel from the Lakehead during the 1950 season of navigation, reported at 203.2 million bushels, showed a

marked decline from the 1949 season volume (264.9 millions). Lakehead grain stocks at December 31, 1950, totalled 50.9 million bushels compared with 45.9 million bushels a year earlier.

Pacific Coast overseas clearances of grain for the crop year ended July 31, 1950, (62.6 million bushels), slightly exceeded shipments of the previous crop season (60.7 millions).

During the first five months of the current crop year shipments from the Pacific Coast amounted to 17.0 million bushels in contrast with the much heavier clearances for the same period in 1949 of 26.8 millions. Stocks at December 31, 1950, were 9.5 million bushels for all grains.

Record port clearances of 6,767,743 bushels were established at Churchill for the 1950 shipping season. Shipments during 1949 totalled 5,527,535 bushels. By December 31, 1950, Churchill stocks had been reduced to 460,556 bushels.

AMENDMENTS, CANADA GRAIN ACT

The Canada Grain Act was amended during the year 1950 by Chapter 24 of the Statutes of 1950. While this Act amended eleven (11) different sections and two schedules, the only change in principle was the restriction placed on operators of eastern and terminal elevators prohibiting them from receiving into such elevators, for storage in transit for reshipment out of Canada, any grain grown outside Canada except under authorization by a regulation or order of the Board, and giving to the Board power to make orders or regulations for this purpose to ensure that ample storage space be available for Canadian-grown grain.

The other changes were as follows:

- (1) Regulations of the Board to be published annually during August instead of between July 15 and August 15.
- (2) Prohibiting persons other than licensees using prescribed elevator tickets and receipts or other forms of contracts.
- (3) Authorizing the receipt of grain from railway cars at country elevators for milling or manufacture.
- (4) Board authorized to defer weigh-overs at eastern and terminal elevators from one crop year to the next crop year when it is not practical to carry out the weigh-over in the first crop year; provided, however, that the time elapsing between weigh-overs shall not be more than twenty-two months.
- (5) Clarification of section declaring all elevators to be works for the general advantage of Canada.
- (6) Two new grades of No. 3 and No. 4 Canada Western Mixed Grain and two new grades of No. 3 and No. 4 Canada Eastern Mixed Grain established in place of grades of No. 3 Canada Western and No. 3 Canada Eastern Mixed Grain respectively.
- (7) The words "including broken seeds" added under the heading "Degree of Soundness" in the specifications for the grades of Nos. 1 and 2 Canada Western and Nos. 1 and 2 Canada Eastern Flaxseed.
- (8) New specifications for the grades of Canada Eastern Pea Beans.

OVERAGES—COUNTRY ELEVATORS

In view of the results of the 1948-49 handlings at country elevators, which showed a net monetary loss to the operators as shown in the 1949 report of the Board, increased allowances to cover invisible loss and shrinkage in handling were authorized effective August 1, 1950, on all grains except oats and barley. The allowance on oats and barley remained at one-quarter of one per cent ($\frac{1}{4}\%$) but on the other grains the increases were as follows:

Wheat and Corn	—from $\frac{1}{4}$ of one per cent to $\frac{3}{4}$ of one per cent
Rye	—from $\frac{1}{4}$ of one per cent to $\frac{1}{2}$ of one per cent
Flax	—from one per cent to one and one-half per cent
Tough Rye	—from $\frac{3}{4}$ of one per cent to one per cent
Damp Rye	—from one per cent to one and one-half per cent

The results of the handlings for the crop year 1949-50 were slightly more favourable to the elevators. The total net overages were 307,380 bushels on handlings of 509,640,305 bushels, or approximately .06%, but, as in the previous year, the overages appeared only in oats and barley, with shortages in the higher-priced grains, wheat, rye, flax and corn.

Detailed results are as follows:

	1949-50	1948-49
Elevators reporting shortages.....	1,797	2,259
Elevators reporting neither shortages nor overages.....	120	52
Elevators reporting overages of less than .25%.....	2,440	2,239
Elevators reporting overages between .25% and .50%.....	456	466
Elevators reporting overages over .50%.....	123	116
Totals.....	<u>4,936</u>	<u>5,132</u>

INSPECTION OF GRAIN

While the major problem in grading the 1949 crop was occasioned by the large amount of broken kernels, the major problem in grading the 1950 crop arose out of the severity of the damage caused by heavy frosts before the grain was ready for harvesting, coupled with high moisture content owing to unfavourable weather conditions during the harvesting season.

The damage by frost was much more general than had been experienced for over twenty years, which resulted in dissatisfaction of the producers with the grades which they received. Resolutions and complaints submitted to the Board expressed dissatisfaction with the operation of the present grading system. Chief Commissioner McKenzie, Commissioner Vallance, Mr. A. F. Dollery, the Board's Chief Grain Inspector, and the Chief Chemist, Dr. J. A. Anderson, addressed meetings on this subject at country points. Statements setting forth the effect of frost damage on the milling and baking qualities of wheat were issued and given as much publicity as possible.

In all discussions on this matter the Board stressed that its Grain Inspection Branch had no option but to apply the grading specifications as laid down in The Canada Grain Act, and that to ensure that export shipments were equal in quality to the standards as set by the Standards Committee it was essential that this practice be followed.

DIRECT SHIPMENT OF GRAIN TO EASTERN CANADA

Following further protest against the ruling of the Board of April 11, 1949, the Board canvassed the different parties interested in the direct shipment of feed grains to Eastern Canada.

The expressions of opinion received by the Board were mostly in favour of the present procedure, and, therefore, the ruling that inspection service would not be given on cars billed to Eastern Canada direct from country points if the grain therein was loaded too high to permit of proper sampling, remains in effect.

STORAGE OF FOREIGN GRAIN IN TRANSHIPMENT FOR RESHIPMENT OUT OF CANADA

After the amendment of Section 133 of The Canada Grain Act prohibiting operators of terminal or eastern elevators from receiving into such elevators, for storage for reshipment out of Canada, any grain grown outside Canada unless authorized to do so by a regulation or order of the Board, the Board made a general regulation, No. 24, in this matter and instituted a system of permits authorizing the elevator operators to receive such grain when it appeared that the movement would not interfere unduly with the movement and storage of Canadian grain.

The operation of this control over the storage of foreign grain required the Board to keep in close touch with the Canadian Wheat Board as to its policy in utilizing storage space in eastern elevators during the fall movement. The delays to the harvest owing to inclement weather conditions resulted in a much-reduced movement from the Lakehead, so that the Board was able to permit appreciable amounts of United States grain to be moved through eastern elevators for reshipment ex Canada.

During the period July 15, 1950, to December 31, 1950, 19,073,892 bushels of United States grain were received into storage in eastern elevators while in transit for reshipment ex Canada, and of this amount 624,935 bushels remained in storage at December 31, 1950.

WEIGHING OF GRAIN

The unsatisfactory outturns of a small percentage of the cargoes of grain shipped from the Lakehead to elevators in the Eastern Division during 1950 continued to be a matter of concern to the Board, but with the closer supervision and checking put into effect, the situation in this matter has shown some improvement over 1949.

Effective April 1, 1950, two additional grain weighmasters were added to the staff of the Weighing Branch at the Lakehead in order to provide closer supervision of the Weighing of grain at terminal elevators.

The audit at a certain eastern elevator, at which outturns had been unsatisfactory, disclosed excessive overages. These overages were applied in settlement of claims for shortages on outturns.

ELEVATOR CHARGES

After considering the submissions made at public meetings held in Toronto, Vancouver and Winnipeg, the Board authorized, effective August 1, 1950, the following increases in the maximum tariffs of charges applicable at elevators licensed under the Canada Grain Act:

EASTERN ELEVATORS—Georgian Bay and Lower Lake Ports:

Elevation Charges

Grain for domestic use	from 1½c. to 1¾c. per bushel
Grain for export	from 1c. to 1½c. per bushel

Lower St. Lawrence Group:

Elevation Charges

Receiving from canal or lake vessels	
Single-deck vessels	from \$8.00 to \$8.50 per thousand bushels
Receiving from railway cars	from \$8.00 to \$8.50 per thousand bushels

Storage Charge

Rate of 1/25th of one cent to apply the year round, with 15 days free storage on grain unloaded between January 1 and March 31

Upper St. Lawrence Group:

Elevation Charges

Receiving from vessels	
Single-deck vessels	from \$5.50 to \$6.25 per thousand bushels
Discharging to vessels	from \$3.75 to \$4.25 per thousand bushels

Atlantic Ports:

Elevation Charge	from 1.375c. to 1.425c. per bushel
------------------	------------------------------------

Storage Charge

Rate of 1/25th of one cent to apply the year round

TERMINAL ELEVATORS

General

Cleaning for removal of dockage (other than grain for which return is made)	
Rye containing less than 3% dockage	from no charge to ¼c. per bushel
Preparing cars for loading	from \$8.00 to \$10.00 per car when paper is used

In October, 1950, when it became apparent that large quantities of grain would have to be dried, terminal elevator operators applied to the Board for increases in the charges for drying on the grounds of increased costs of operating the driers. After due consideration by the Board the rates of 3 cents for drying tough and 5 cents for drying damp were increased as follows, effective November 3, 1950:

Drying

All grain except flax, sunflower seed and the malting grades of barley	
Tough	4½c. per bushel
Damp	7½c. per bushel
Flax and the malting grades of barley	
Tough	5c. per bushel
Damp	9c. per bushel
Sunflower seed	
Tough	10c. per hundred pounds
Damp	15c. per hundred pounds
Moist and Wet	20c. per hundred pounds

REGULATIONS OF THE BOARD

On July 28, 1950, the Board amended, effective August 1, 1950, the Regulations made under The Canada Grain Act by re-enacting the following regulations:

No. 16—Fees

No. 20—Maximum Tariff of Charges, Eastern Elevators

No. 21—Maximum Tariff of Charges and Shrinkage Allowances, Country Elevators

No. 22—Maximum Tariff of Charges, Terminal Elevators

On October 26, 1950, the Board made a new Regulation No. 24 entitled, "Receipt for Storage in Transit for Reshipment out of Canada of Grain Grown Outside Canada".

On November 3, 1950, the Board amended Regulation No. 22, Maximum Tariff of Charges, Terminal Elevators, to provide increased charges for drying of grain.

On December 14, 1950, the Board amended Regulation No. 15, Drying of Grain, to remove the restriction on drying temperatures for No. 6 Wheat and Feed Wheat to the close of the current crop year, July 31, 1951.

LAKE FREIGHT RATES

No changes have been made in the maximum rates for carrying grain by lake and river navigation during 1950. The maximum rates authorized by the Board's Order No. 18, dated October 13, 1948, are still in effect.

AUDIT OF STOCKS, TERMINAL AND EASTERN ELEVATORS

In accordance with the provisions of Sections 138 and 138 (a) of The Canada Grain Act, the grain contained in every terminal and eastern elevator was weighed over by the Board's Weighing Branch during the crop year ended July 31, 1950, with the exception of one Vancouver terminal damaged by fire, and the weigh-over of stocks contained in this terminal was deferred until such time as the equipment of the elevator could be restored.

At one semi-public terminal in the Western Division it appeared that the handling of grain had resulted in the transfer of grain from a lower to a higher non-mixing grade. The value of the excess disclosed in the amount of \$327.60 was paid to the Board by the licensee of this elevator.

ASSISTANT COMMISSIONERS

The promotion of Mr. John Rayner, Secretary to the Board, to the position of Assistant Commissioner for Manitoba, effective August 1, 1950, vice Mr. T. J. Harrison, resigned, permits the Board to now maintain that direct contact with producers and country elevator operators in the three Prairie Provinces which is so essential to the efficient administration of The Canada Grain Act.

Actual complaints from producers totalled 17 during the year: 6 in Alberta, 8 in Saskatchewan and 3 in Manitoba. Country elevator inspections totalled 1,019 in Alberta, 682 in Saskatchewan and 11 in Manitoba.

The Assistant Commissioners were also of assistance to the Board in handling problems relating to the grading of grain and the supplying of railway cars.

CANADIAN GOVERNMENT ELEVATORS

The amount of grain handled at the Canadian Government Elevators during the crop year ended July 31, 1950, was comparable to that handled in the previous crop year. Ample storage space being available at the Lakehead and at Pacific ports, there was no demand for storage at interior points.

Of the total handling at the Canadian Government Elevators, amounting to 3,021,205 bushels, 2,480,118 bushels were handled at the Calgary Elevator. The greater proportion of this grain was barley. The Edmonton Elevator handled 423,129 bushels, but the handlings at the other Elevators at Moose Jaw, Saskatoon and Lethbridge were negligible. No grain was handled at the Prince Rupert Elevator.

The Port Arthur Elevator continues to be operated by McCabe Grain Company, Limited, under lease which expires July 31, 1954.

The net result of operations for the fiscal year ended March 31, 1950, was a deficit of \$218,499.43, as compared with a deficit of \$222,565.11 in the previous fiscal year.

The installation of dust control equipment at the Port Arthur and Edmonton Elevators has been completed, as well as other structural changes to reduce risks of fire and explosion. Installation of dust control equipment at Calgary is now practically complete.

During the current crop year substantial quantities of grain have been delivered to the Saskatoon and Moose Jaw Elevators, and at December 28, 1950, there were in store at Saskatoon 4,245,000 bushels and at Moose Jaw 2,412,000 bushels.

COMMITTEES ON GRAIN STANDARDS

Committees on Grains Standards for the crop year 1950-51 were constituted by the Board in accordance with the provisions of Section 25 of The Canada Grain Act. The Western Committee was convened in Winnipeg on September 28, 1950, and reconvened on October 24, 1950. The Eastern Committee convened at Toronto on August 15 and November 17, 1950.

WHEAT BONUS

No Wheat Bonus certificates were redeemed during 1950. Certificates still outstanding as at December 31, 1950, amount to \$7,746.33.

PRAIRIE FARM ASSISTANCE ACT

The Board has continued to collect one per cent of the purchase price of grain marketed in the three Western Provinces. During the crop year ended July 31, 1950, \$8,397,054.78 was collected, making total collections of \$48,055,353.41 since the inception of this scheme on August 1, 1939.

EXHIBIT AT BRANDON WINTER FAIR

The Board again provided an exhibit at the Manitoba Winter Fair held in Brandon, Manitoba, in April, 1950. This exhibit stressed the work of the Board's Grain Inspection Branch. It attracted wide interest and brought forth much favourable comment.

PERSONNEL

Under the terms of Order in Council P.C. 3739 dated August 2, 1950, Mr. John Rayner has been appointed Assistant Commissioner for the Province of Manitoba. Mr. Rayner has served continuously since February 7, 1924, having been appointed Deputy Inspector on October 1, 1926, and Secretary of the Board on July 11, 1930.

Mr. Arnold Truman Calder has been appointed Secretary of the Board with effect from October 25, 1950. Mr. Calder acted in the capacity of Chief Statistician for the Board prior to his appointment as Secretary.

Mr. Frederick Gilbert Stevens, Grain Weighmaster at Winnipeg, proceeded on six months' retiring leave September 1, 1949, retired March 1, 1950, after 38 years' service with the Board's Weighing Branch. Mr. Stevens was succeeded by Mr. James Spence Robertson, whose appointment was dated August 1, 1950. It is with sincere regret that Mr. Robertson's death on January 3, 1951, is reported.

The establishment of the Board's Weighing Branch at the Head of the Lakes has been increased by the addition of two positions of Grain Weighmaster. These positions were filled on July 1, 1950, by the appointment of Mr. Albert Thwaites Owen, who has served continuously since September 8, 1915, and William Thomas Sparks, who has served continuously since September 15, 1920.

Mr. Stanley Gifford Thompson, Grain Inspector Grade 4, Vancouver, who retired March 1, 1950, has been replaced by Mr. Hector McArthur, Grain Inspector Grade 3, Vancouver.

GOVERNMENT GRAIN MISSION

During the last three months of 1950 Commissioner Milner represented the Board of Grain Commissioners on a Government Mission to Europe, with a view to developing closer contacts with governments and the grain and milling trade.

EXPENDITURE AND REVENUE

Total expenditure for the fiscal year 1949-50, exclusive of the Canadian Government Elevators, was \$2,370,862.89, compared with \$2,218,254.82 for the previous fiscal year, an increase of \$152,608.07, mainly attributable to increased salary rates.

Revenue amounted to \$1,951,223.89, an increase of \$654,467.67 from the revenue of \$1,296,756.22 in the previous fiscal year.

Total expenditure for the first nine months of the current fiscal year is \$1,789,784.00, being \$17,181.68 in excess of the expenditure for the same period in the previous fiscal year. Revenue for this period totals \$1,564,777.22 as compared with \$1,719,805.27 for the same period in the 1949-50 fiscal year.

Reports of the various branches of the Board are attached for your information.

Respectfully submitted,

D. G. McKENZIE,
Chief Commissioner.

J. VALLANCE,
Commissioner.

R. W. MILNER,
Commissioner.

APPENDIX No. 1

REPORT OF THE SECRETARY

WINNIPEG, MANITOBA,

January 22, 1951.

The Chief Commissioner,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following memoranda summarizing the different matters handled in the Executive Offices of the Board during the year 1950:

- (a) Complaints
- (b) Prosecutions
- (c) Defaults
- (d) Cars out of turn
- (e) Receipt of wheat into country elevators from railway cars
- (f) Report of Licensing Officer
- (g) Licences issued
- (h) Grain-loading platforms
- (i) Prairie Farm Assistance Act—One Per cent Levy
- (j) Statistics
- (k) Annual Weighover—Terminal Elevators

Yours truly,

A. T. CALDER,

Secretary.

(a) COMPLAINTS

COUNTRY COMPLAINTS

During the year ended December 31, 1950, the Board investigated twenty (20) complaints, including three outstanding as at December 31, 1949, regarding the handling of grain at country elevators, shipments to terminal elevators, and the operations of licensees under The Canada Grain Act, as follows:

Manitoba.....	3	
Saskatchewan.....	8	
Alberta.....	6	
Outstanding at December 31, 1949.....	3	
		— 20

These were disposed of as follows:

No grounds for complaint.....	8	
Settlement effected.....	5	
Outside jurisdiction of Board.....	1	
Licensee fined.....	1	
Licensee warned.....	1	
Complaint withdrawn.....	1	
Not yet disposed of.....	3	
		— 20

MISCELLANEOUS COMPLAINTS

Forty-two (42) complaints were received by the Board in respect to the handling of grain at terminal elevators and shipments to Eastern Canada, together with nine (9) complaints outstanding at December 31, 1949. These were disposed of as follows:

	Quality	Shortage	General
No evidence.....	1	31	—
Settlement effected.....	—	5	—
Outside jurisdiction of Board.....	—	—	—
Not yet disposed of.....	—	14	—
			51

EXPORT SHIPMENTS

Sixteen (16) complaints in respect to overseas shipments were received during the year ending December 31, 1950. These, together with five (5) complaints outstanding at December 31, 1949, were disposed of as follows:

	Quality	Shortage
No evidence.....	3	10
Settlement effected.....	—	4
Not yet disposed of.....	—	4
		21

(b) PROSECUTIONS

One prosecution for a breach of the provisions of Section 109 of The Canada Grain Act was instituted against the agent of a country elevator licensee and the defendant was fined \$20.00 and costs.

(c) DEFAULTS

There were no defaults by licensees during the year 1950.

(d) CARS OUT OF TURN

During the year 1950 eighty-four (84) out-of-turn cars were ordered by the Board under the provisions of Section 68 (2) of The Canada Grain Act, as follows:

Grain out of condition.....	39
Elevators in danger of collapse.....	45
	84

(e) RECEIPT OF WHEAT INTO COUNTRY ELEVATORS
FROM RAILWAY CARS

Under the provisions of Section 107 (a) of The Canada Grain Act the Board authorized the receipt of wheat from railway cars into country elevators in a total of 777 cars.

(f) REPORT OF LICENSE AND BONDING BRANCH

The Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit the following report of the License and Bonding Branch for the year 1950.

During the crop year which commenced on August 1, 1949, and ended on July 31, 1950, one hundred and thirty-one (131) firms and individuals applied for licences as required by the provisions of The Canada Grain Act.

Five thousand, three hundred and seventeen (5,317) applications for licences to operate were received and five thousand, three hundred and one (5,301) licences were issued. Five (5) licences were transferred and eleven (11) applications were withdrawn for various reasons.

APPLICATIONS RECEIVED AND LICENCES ISSUED

Kind	Applications		Licences	
	Received	Withdrawn	Issued	Transferred
Track Buyers.....	25		25	
Commission Merchants.....	31		31	
Grain Dealers.....	15	2	13	
Public Terminal Elevators.....	6		6	
Semi-Public Terminal Elevators.....	34	1	33	
Private Terminal Elevators.....	7		7	
Eastern Elevators.....	29		29	
Mill Elevators.....	38	1	37	
Private Country Elevators.....	9		9	
Public Country Elevators.....	5,118	7	5,111	
Transfers.....	5			5
	5,317	11	5,301	5

The total licensed storage capacity as at July 31, 1950, was 492,257,970 bushels; elevators proper and permanent annexes comprising 421,624,020 bushels and temporary annexes 70,633,950 bushels; 5,218 elevators being licensed at that date.

Thirteen public country elevator licences were cancelled by the Board during the 1949-50 crop year; three due to the fact that the licensees ceased operations, four because the elevators were demolished, and six for the reason that the buildings were not operated, the licences having been applied for in error.

Four (4) licences were suspended by the Board during the crop year 1949-50. Of these, three were suspended because of repairs being necessary at licensed elevators but were reinstated in due course after the buildings had been repaired, and one on account of a defective receiving scale.

Licence fees collected during the crop year 1949-50 amounted to \$28,085.00; of this amount, \$75.00 was refunded to applicants who withdrew applications for licences and \$24.00 on account of licences cancelled as from date of issue.

The collections of the one per centum levy made under the provisions of The Prairie Farm Assistance Act for the crop year 1949-50, as recorded at this office, were \$8,397,054.78. The total collections from August 1, 1939, to July 31, 1950, amounted to \$48,055,353.41.

Guarantee bonds in the amount of \$26,287,686.50, executed by seventeen (17) of the approved surety companies, were deposited with the Board as security under Section 79 of The Canada Grain Act to cover the operations of the licensees during the crop year 1949-50. In addition, six (6) licensees deposited negotiable Government bonds with a par value of \$25,500.00 in lieu of furnishing the usual forms of surety bonds.

During the first four months of the 1950-51 crop year, which commenced on August 1, 1950, 5,633 applications for licences of all classes were received and 5,502 licences issued.

At December 1, 1950, there were 5,598 buildings classed as elevators under the provisions of The Canada Grain Act, 5,568 in the Western Division and 30 in the Eastern Division, 5,432 being licensed at that date. These buildings and

their storage capacities, together with several summarizing statements and other relative information, are listed in the publication entitled "List of Grain Elevators in the Western and Eastern Divisions".

The total licensed storage capacity as at December 1, 1950, was 506,230,470 bushels, permanent storage space amounting to 434,996,820 and temporary storage 71,233,650. One hundred and sixty-six unlicensed elevators, with a combined storage capacity of 13,950,300 were not being used for the handling of grain at that date.

The one per centum levy collected during the first three months of the 1950-51 crop year amounted to \$1,961,192.89, the total collected since August 1, 1939, to December 1, 1950, being \$50,016,546.30.

Respectfully submitted,

C. F. SPITTLE,

Licensing Officer.

(g) STATEMENT SHOWING THE NUMBER AND KIND OF LICENCES ISSUED, AT FIVE-YEAR INTERVALS, SINCE 1890, AS AT DECEMBER 1ST EACH SEASON

Kind	1950- 1951	1945- 1946	1940- 1941	1935- 1936	1930- 1931	1925- 1926	1920- 1921	1915- 1916	1910- 1911	1905- 1906	1900- 1901	1895- 1896	1890- 1891
Public Country Elevators.....	5,111	5,470	5,614	5,528	5,500	4,236	†3,704	†3,013	†1,901	†1,100	†509	†377	†193
Private Country Elevators.....	9	7	6	12	385	10							
Mill Elevators.....	37	39	38	19	25								
Public Terminal Elevators.....	6	6	6	6	8	21	12	13					
Semi-Public Terminal Elevators.....	33	37	39	38	35				*39	*9	*5	*5	*3
Private Terminal Elevators.....	7	8	10	36	40	64	25	19					
Eastern Elevators.....	29	30	31	31	29	17	11	18					
Track Buyers.....	25	27	33	41	48	95	143	195	128				
Commission Merchants.....	31	36	39	51	57	94	117	111	75				
Grain Dealers.....	13	11	21	24	3	3	2						
Total Number Issued.....	5,301	5,671	5,837	5,786	6,130	4,540	4,014	3,369	2,143	1,109	514	382	196

* Known as "Terminal Elevators".

† Known as "Country Elevators".

(h) GRAIN-LOADING PLATFORMS

During the year 1950 no applications for the building of grain-loading platforms or the enlargement of existing ones were made to the Board.

SUMMARIZED STATEMENT OF GRAIN-LOADING PLATFORMS IN WESTERN CANADA
as at December 1, 1950

Province	Number of Platforms	Car Capacity
Manitoba.....	588	1,380
Saskatchewan.....	1,262	2,683
Alberta.....	721	1,426
British Columbia.....	34	77
Ontario.....	20	41
Total as at December 1, 1950.....	2,625	5,607

(i) THE PRAIRIE FARM ASSISTANCE ACT, 1939

ONE PERCENTUM LEVY

Amounts Collected on Grain Purchased During Period August 1, 1949, to July 31, 1950

PROVINCE	WHEAT		OATS		BARLEY		RYE		TOTAL LEVY
	Bushels	Levy	Bushels	Levy	Bushels	Levy	Bushels	Levy	
		\$ c.		\$ c.		\$ c.		\$ c.	\$ c.
Manitoba.....	46,280,429	1,074,566 40	19,128,363	99,464 10	21,368,031	171,490 45	841,426	10,139 12	1,355,660 07
Saskatchewan....	176,119,004	4,096,307 19	44,371,278	218,758 58	19,149,551	141,846 92	5,642,167	68,716 10	4,525,628 79
Alberta.....	97,987,289	2,295,793 41	18,334,470	87,134 30	13,260,800	92,718 26	3,255,805	39,922 31	2,515,568 28
	320,386,722	7,466,667 00	81,834,111	405,356 98	53,778,382	406,055 63	9,739,398	118,777 53	8,396,857 14
Mixed Grain.....									\$ c. None
Adjustments not allocated.....									197 64
Collections—August 1, 1949 to July 31, 1950.....									8,397,054 78
Collections—August 1, 1939 to July 31, 1949.....									39,658,298 63
Total Collections to July 31, 1950.....									48,055,353 41

(j) STATISTICS

308 GRAIN EXCHANGE BLDG.,
FORT WILLIAM, ONT.,
January 22, 1951.

MR. A. T. CALDER, Secretary,
Board of Grain Commissioners,
Winnipeg, Man.

DEAR SIR,—I have the honour to submit the following report for the Statistics Branch for the 1949-50 Crop Year.

The 1950 Canadian Wheat Crop has been estimated at 461·7 million bushels by the Dominion Bureau of Statistics with the revised 1949 Wheat outturn for all Canada now established at 367·4 millions.

Extremely adverse weather conditions reduced the 1950 crop from a preliminary estimate on August 15th of 544 millions, which would have been the third largest crop on record, to the November 16th figure quoted above. If realized the 1950 crop will still represent the heaviest production since 1942 (556.7 millions) and will exceed by nearly 100 millions the average for the previous five seasons (366.7 millions).

Canadian coarse grain and flaxseed production in 1950 and 1949 has been estimated as follows, with 1949 out-turns shown in brackets: oats 420.3 (317.9), barley 171.3 (120.4), rye 13.3 (10.0) and flaxseed 4.5 (2.3) million bushels.

Increased Canadian wheat stocks of 102.4 millions were carried over into the 1949-50 season, compensating for the lighter 1949 out-turn (367.4 millions), and making available a total of 469.8 million bushels, approximately the same as the previous year's supplies. At the close of the season, this stock pile had been reduced by exports and domestic use to 113.2 million bushels on farms and in visible positions.

The July 31st, 1950, carryover of Canadian coarse grains and flaxseed was estimated as follows, with returns for the previous year shown in brackets: oats 44.3 (60.5), barley 20.4 (29.7), rye 6.6 (11.9) and flaxseed 4.5 (10.7) million bushels.

More detailed production, distribution, and carryover statistics may be found in tables appended to this report.

FARM DELIVERIES

Western farm wheat deliveries for the 1949-50 crop season, amounting to 319.6 million bushels, were increased in volume over both the marketings of the previous season (294 millions) and the average for the years 1944-45 to 1948-49 (293 millions).

WESTERN FARM WHEAT DELIVERIES SEASON 1949-50

	Manitoba	Saskatchewan	Alberta and British Columbia	Total Deliveries		
				1949-50	1948-49	5-year Average 1944-45 to 1948-49
	net bu.	net bu.	net bu.	net bu.	net bu.	net bu.
Delivered to:						
Country Elevators.....	45,543,222	173,746,450	97,576,054	316,865,726	291,076,893	289,618,737
Interior Private and Mill Elevators.....	366,826	657,047	1,285,635	2,309,508	2,541,322	2,666,526
Interior Terminal Elevators (Street Receipts).....			12,257	12,257	29,805	9,561
Loaded over Platforms...	153,123	52,501	153,958	359,582	313,202	475,308
From farms direct to U.S.A. by Truck ¹	7,212	16,405		23,617	25,548	7,902
Total.....	46,070,383	174,472,403	99,027,904	319,570,690	293,986,770	292,778,034
Production (Gross).....	57,000,000	183,000,000	100,889,000	340,889,000 ³	365,459,000 ³	354,177,600 ³
Percentage — Deliveries to Production ²	83.47	98.46	101.37	96.81	82.51	84.75

¹Dominion Bureau of Statistics—Customs Clearance.

²Calculated on a net production basis.

³Includes production figures for British Columbia.

LAKE TRANSPORTATION

The S.S. "Renvoyle" arrived at the Lakehead at 10:50 a.m. April 29th, 1950, to open the season of navigation at the Head of the Lakes. This date represented one of the latest openings in recent years, although still in advance of the May 5th date (1923 and 1936) recorded as the latest opening on record. The last outbound grain boat for the season, the S.S. "Ashcroft" completed the loading of her cargo on December 14th, 1950.

Vessel clearances from the Twin Cities during the 1950 season of navigation totalled 203·2 million bushels for the five principal grains compared to lake shipments last year—264·9 millions, the previous five-year average vessel grain traffic—293 millions, and the record lake movement in 1945 of 483·7 million bushels.

Lake wheat cargoes during the current season of navigation amounted to 137·7 million bushels representing a decline from 1949 of approximately 26·5 millions. During the record season of 1945, a total of 344·4 million bushels of wheat were carried by lake vessels from Fort William—Port Arthur, but over the past five years, wheat shipments have fluctuated around a norm of 191·4 million bushels.

Combined lake and rail shipments from Fort William—Port Arthur terminals for the 1949-50 crop year totalled 288·3 million bushels, of which 34·6 millions moved eastward by rail.

FREIGHT RATES

The current season of navigation opened with lake freight rates on the movement of wheat ex lakehead terminals ruling 4·5c. to 12·5c. per bushel over the Georgian Bay to Lower St. Lawrence ports range, unchanged from charges prevailing during 1949, and remained at that level throughout the 1950 season.

WEIGHTED MONTHLY AVERAGE OF LAKE FREIGHT RATES FOR WHEAT CARGOES SEASON OF NAVIGATION—1950

Fort William—Port Arthur to	Georgian Bay Ports	Port Colborne and Humber- stone	Toronto	Kingston	Prescott	St. Lawrence Ports Direct
	c. per bu.	c. per bu.	c. per bu.	c. per bu.	c. per bu.	c. per bu.
<i>Month—</i>						
May.....	4·5	6·0	6·5	7·0	7·25	12·5
June.....	4·5	6·0	6·5	.....	7·25	12·5
July.....	4·5	6·0	6·5	.....	7·25	12·5
August.....	4·5	6·0	6·5	.....	7·25	12·5
September.....	4·5	6·0	6·5	.....	7·25	12·5
October.....	4·5	6·0	6·5	.....	7·25	12·5
November.....	4·5	6·0	6·5	.....	.....	12·5
December.....	4·5	6·0	.....	.....	.....	.....
<i>Season Averages—</i>						
1950.....	4·5	6·0	6·5	7·0	7·25	12·5
1949.....	4·5	6·0	6·5	.....	7·25	12·5

The rate on wheat cargoes to Buffalo for the season (8·8c. Canadian) reflected a 2·2c. advance over the weighted average rate for 1949. Lowest individual cargo rate (7·18c. Canadian) was reported on several shipments during May, June and July, while one vessel was chartered during December for Buffalo spot unloading at 15c. Canadian.

Wheat freight charges to Duluth during the last four months of the season were quoted at 5·5, 5, 5 and 6, and 5 and 8c. respectively. Single cargoes exclusive of winter storage cleared for Detroit in July, November and December at 5c., 9c. and 11c. in those respective months.

A special historical study was made during the year of the major cost items involved in the movement of Canadian wheat from a representative prairie midpoint to the United Kingdom via St. Lawrence and Pacific Coast ports over the years 1933 to 1950.

INLAND WATER FREIGHT RATES ACT

In accordance with provisions of the "Inland Water Freight Rates Act 1923" as amended, copies of vessel charter confirmations for all lake grain cargoes shipped from the lakehead during the 1950 season of navigation were filed by shippers with this office.

Monthly statements of weighted lake freight rate averages have been prepared from charter confirmation returns for release to those interested in these statistics.

EXPORT CLEARANCES

Canadian wheat and wheat flour exports for the 1949-50 crop year, amounting to 225.1 millions were 7.2 millions lighter than foreign shipments during the previous season (232.3 millions) and 45.5 millions below the average clearances over the five-year period 1944-45 to 1948-49.

United States imports of Canadian wheat for domestic use or for milling in bond (13.5 millions) were more than double the 5.3 million bushels moved in 1948-49.

Canadian wheat flour exports amounting to 45.7 million bushels (wheat equivalent) reflected a 2.4 million bushel decline from last year's returns and were substantially below the 62.7 million bushel average level established over the previous five-year period.

Canadian Atlantic Seaboard Ports handled approximately 59% of the total ocean wheat tonnage for the 1949-50 crop season while vessel cargoes from Canadian Pacific ports accounted for 36.9 percent of the total traffic. The Port of Churchill exceeded the previous record by loading out 5.5 million bushels, which represented about 3.3% of total Canadian overseas wheat cargoes. Export shipments clearing from United States Atlantic ports dropped to the lowest point in thirty years (143,443 bushels).

Further Canadian grain export data are contained in tables appearing in the Appendix to this report.

INSURANCE

Insurance policies on in-store grain have been filed by public country, semi-public and eastern elevators with this office as provided under Section 102 of the Canada Grain Act 1930, as amended, and related Orders-in-Council and regulations. Certified policy copies or certified listings of approximately 1,200 policies have been examined in reviewing the details of 140 individual units of risk.

PRICES

In compliance with Section 21 of the Canada Grain Act 1930, as amended, grain price records for the principal grain markets were maintained and weekly, monthly and annual statements covering price statistics of interest to the Trade have been released throughout the year.

ANNUAL WEIGH-UP

All audit statements required in connection with the weigh-up during the year of grain in Terminal and Eastern elevators by the Inspection and Weighing Departments of the Board under authority of Section 138 and 138A of the Canada Grain Act 1930, as amended, have been compiled and submitted to the Board.

GENERAL

The major staff change during the year was the transfer of the Chief Statistician to the post of Secretary to the Board.

In continuation of the study of the clerical functions of Lakehead Branches commenced in 1949, an office procedure analysis was completed with respect to the Statistics Branch, and the initial steps taken to extend this review to other Board offices in Fort William.

Respectfully submitted,

E. E. BAXTER,
Statistician.

CARRY-OVER OF CANADIAN WHEAT—JULY 31, IN BUSHEL

	1948	1949*	1950
	bu.	bu.	bu.
On Farms—Estimated.....	39,162,000	43,423,000	12,389,000
In Country, Private Terminals and Mill Elevators.....	16,710,908	18,841,225	28,520,704
In Public and Semi-Public Elevators.....	9,914,422	10,156,932	29,968,821
In Store and Afloat Eastern Elevators.....	6,284,943	20,735,093	31,419,680
In Eastern Flour Mills.....	1,543,124	2,764,454	1,602,485
In Transit Rail—East and West.....	4,060,361	6,422,043	8,298,853
In Store and In Transit in the United States.....	34,652	68,494	.....
Total.....	77,710,410	102,411,241	112,199,543

Crops of 1949 and Disposition	Wheat	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
Carry-over 31 July, 1949.....	102,411,241	60,506,604	29,669,143	11,917,893	10,692,153
Production—All Canada.....	367,406,000	317,916,000	120,408,000	10,011,000	2,284,000
Total Available Supply.....	469,817,241	378,422,604	150,077,143	21,928,893	12,976,153
Total Disposed of.....	357,617,698	333,518,025	129,722,108	15,497,808	8,508,382
Carry-over 31 July, 1950.....	112,199,543	44,904,579	20,355,035	6,431,085	4,467,771
Total.....	469,817,241	378,422,604	150,077,143	21,928,893	12,976,153

EXPORTS

1949-50.....	179,456,880	19,142,629	17,523,406	9,954,111	3,033,825
Wheatflour, Oatmeal, etc., equivalent to.....	45,679,905	1,403,909	.....	.....	.....
Total.....	225,136,785	20,546,538	17,523,406	9,954,111	3,033,825
1948-49.....	184,235,311	21,427,004	21,729,804	10,239,210	4,413,049
Wheatflour, Oatmeal, etc., equivalent to.....	48,094,024	1,792,630	.....	.....	.....
Total.....	232,329,335	23,219,634	21,729,804	10,239,210	4,413,049

* Revised.

SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1949, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS,
CROP YEAR 1949-50

(a) PRODUCTION

—	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
Manitoba.....	57,000,000	53,000,000	40,000,000	750,000	1,100,000
Saskatchewan.....	183,000,000	85,000,000	33,000,000	4,400,000	650,000
Alberta and British Columbia	100,889,000	56,195,000	36,494,000	2,414,000	338,000
Total.....	340,889,000	194,195,000	109,494,000	7,564,000	2,088,000

(b) PRIMARY MARKETINGS—AT COUNTRY ELEVATORS

Manitoba.....	45,543,222	18,971,811	20,979,105	778,775	804,743
Saskatchewan.....	173,746,450	42,673,721	18,761,001	5,051,389	451,237
Alberta.....	97,576,054	17,912,890	13,222,040	2,793,742	189,786
Total.....	316,865,726	79,558,422	52,962,146	8,623,906	1,445,766

LOADED OVER PLATFORMS

Manitoba.....	153,123	41,286	98,089	12,926	2,961
Saskatchewan.....	52,501	22,024	16,567	4,330	.....
Alberta.....	153,958	95,961	17,064	14,738	.....
Total.....	359,582	159,271	131,720	31,994	2,961

AT INTERIOR PUBLIC AND SEMI-PUBLIC TERMINALS

Manitoba.....	.....	326	945	.....	.....
Saskatchewan.....	.....	.....	.....	.....	.....
Alberta.....	12,257	83,194	14,534	1,678	429
Total.....	12,257	83,520	15,479	1,678	429

AT INTERIOR PRIVATE AND MILL ELEVATORS

Manitoba.....	366,826	74,799	45,185	.....	27,188
Saskatchewan.....	657,047	63,445	49,471	15,437	12,690
Alberta.....	1,285,635	498,661	119,695	15,532	3,557
Total.....	2,309,508	636,905	214,351	30,969	43,435

*TRUCKED FROM FARMS INTO U.S.A.

Manitoba.....	7,212	1,971	1,749	.....	.....
Saskatchewan.....	16,405	600	150	.....	.....
Alberta.....	.....	6,872	725	75	.....
Total.....	23,617	9,443	2,624	75	.....

For footnotes, see next page.

**SUMMARY OF PRODUCTION OF GRAIN IN WESTERN CANADA IN 1949, PRIMARY
MARKETINGS BY PRODUCERS AND TOTAL INSPECTIONS,
CROP YEAR 1949-50—Concluded**

TOTAL MARKETED

	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
Manitoba.....	46,070,383	19,090,193	21,125,073	791,701	834,892
Saskatchewan.....	174,472,403	42,759,790	18,827,189	5,071,156	463,927
Alberta.....	99,027,904	18,597,578	13,374,058	2,825,765	193,772
Total.....	319,570,690	80,447,561	53,326,320	8,688,622	1,492,591

(c) INSPECTIONS

Manitoba.....	46,073,778	19,725,164	21,472,366	1,035,210	749,354
Saskatchewan.....	168,499,241	43,439,736	20,028,309	5,791,617	610,304
Alberta and British Columbia	87,731,473	12,693,064	8,888,306	2,527,943	203,608
Total.....	302,304,492	75,857,964	50,388,981	9,354,770	1,563,266

(a) Production represents gross production estimate by Dominion Bureau of Statistics.

(b) Primary Marketings—Points in Ontario West of Fort William are included in Manitoba figures; country points in the Peace River Valley situated in British Columbia are included in Alberta figures.

(c) Inspections—These are compiled according to provinces in which grain was grown on an estimated average net bushel outturn weight per car.

* Customs returns—Dominion Bureau of Statistics.

TOTAL PRIMARY GRAIN HANDLINGS AT EASTERN ELEVATORS 1949-50

CANADIAN GRAIN

—	Wheat	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
Receipts.....	157,375,457	32,286,126	14,320,432	361,502	4,171,928
Shipments.....	146,719,250	33,552,930	15,233,600	1,283,373	6,987,310
	Canadian Corn	Canadian Buckwheat	Canadian Beans	Canadian Peas	Mixed Grain
	bu.	bu.	bu.	bu.	bu.
Receipts.....	1,888,235	51,785	292,453	.....	624,251
Shipments.....	1,909,156	64,459	293,553	896	643,160

UNITED STATES GRAIN

—	Wheat	Oats	Barley	Flaxseed	Corn
	bu.	bu.	bu.	bu.	bu.
Receipts.....	7,563,541	5,647,978	3,300,959	342,633	25,957,772
Shipments.....	4,299,329	5,600,367	931,833	342,430	23,626,368

—	Beans	Buckwheat
	bu.	bu.
Receipts.....	99,844	39,066
Shipments.....	92,500	38,960

FOREIGN GRAIN (OTHER THAN U.S.A.)

—	Argentine Oats
	bu.
Receipts.....	678,235
Shipments.....	184,719

IMPORTS OF FOREIGN GRAIN FOR CANADIAN DOMESTIC CONSUMPTION

(AMOUNTS MOVED FROM ELEVATORS INTO DOMESTIC CONSUMPTIVE CHANNELS) 1949-50

—	U.S.A. Wheat	U.S.A. Oats	U.S.A. Barley	U.S.A. Rye	U.S.A. Corn
	bu.	bu.	bu.	bu.	bu.
Via Eastern Elevators.....	6	253,347	10,806	.....	5,708,776
Fort William-Port Arthur.....	.....	.....	.....	.....	100,927
Interior Terminals.....	2,145	.....	.....	.....	20,828
Interior Private and Mill Elevators.....	.....	.....	.....	4,277	234,694

—	U.S.A. Beans	Argentine Oats

Via Eastern Elevators.....	92,500	137,072

PRIMARY RECEIPTS AND SHIPMENTS AT TERMINAL ELEVATORS,
CROP YEAR 1949-50

—	Wheat	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
<i>Fort William-Port Arthur—</i>					
Receipts.....	181,398,272	61,888,308	41,187,050	9,201,459	1,317,632
Shipments.....	169,754,395	62,954,811	41,421,980	9,727,200	4,441,114
<i>Vancouver-New Westminster—</i>					
Receipts.....	69,902,301	1,668,895	905,816	61,333	77
Shipments.....	62,952,390	2,688,798	855,581	86,911	
<i>Victoria, B.C.—</i>					
Receipts.....					
Shipments.....					
<i>Prince Rupert, B.C.—</i>					
Receipts.....					
Shipments.....					
<i>Churchill, Man.—</i>					
Receipts.....	6,752,332	740			
Shipments.....	5,527,535	9,417			
<i>Semi-Public Terminal at North Transcona, Man.—</i>					
Receipts.....	189,845	53,220	20,349	8,731	232
Shipments.....	189,845	56,999	19,955	8,731	232
<i>Kenora, Ont.—</i>					
Receipts.....					
Shipments.....					

TOTAL NET HANDLINGS CANADIAN GRAIN AT CANADIAN GOVERNMENT
INTERIOR TERMINAL ELEVATORS

—	Wheat	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
<i>Receipts—</i>					
Calgary.....	372,015	81,853	1,939,528	78,463	
Edmonton.....	131,803	269,424	18,747	1,678	
Lethbridge.....	13,111		415		429
Moose Jaw.....	27,425	4,648	703	2,081	
Saskatoon.....	2,951	1,934			
Total.....	547,305	357,859	1,959,393	82,222	429
<i>Shipments—</i>					
Calgary.....	383,157	79,942	2,074,125	53,834	
Edmonton.....	171,686	256,945	17,375	1,678	
Lethbridge.....	13,776	108	415		481
Moose Jaw.....	27,323	4,661	713	2,081	
Saskatoon.....	3,258	1,934			11,269
Total.....	599,200	343,590	2,092,628	57,593	11,750

CANADIAN GRAIN HANDLED AT DULUTH-SUPERIOR

(INCLUDING DUTY-PAID IMPORTS)

—	Wheat	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
Receipts.....		70,588	1,221,382	946,420	
Shipments.....		70,588	1,221,382	946,420	

ANALYSIS OF CANADIAN WHEAT EXPORTS, BY MONTHS AND SEABOARD SECTOR, CROP YEAR 1949-50

Month	Via Canadian Pacific Seaboard Ports	Via Canadian Atlantic Seaboard Ports	Via Churchill	Via Fort William- Port Arthur Direct	Via U.S.A. Atlantic Seaboard Ports	U.S.A. IMPORTS		TOTAL ALL WHEAT	WHEAT FLOUR	GRAND TOTAL WHEAT AND WHEAT FLOUR
						For Domestic Use	Milling in Bond			
1949	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
August.....	5,273,627	9,002,975	2,362,425	.....	.....	11,500	50,437	16,700,964	3,897,896	20,598,860
September.....	4,181,358	8,171,661	2,594,110	.....	.....	6,000	874,638	15,827,767	3,771,234	19,599,001
October.....	4,479,385	13,369,704	571,000	.....	.....	.....	1,674,811	20,094,900	3,239,775	23,334,675
November.....	6,753,563	13,926,263	.....	.....	.....	457,183	1,562,387	22,699,396	4,409,991	27,109,387
December.....	5,899,706	3,824,505	.....	.....	27,030	51,057	815,712	10,618,010	3,797,955	14,415,965
1950										
January.....	6,462,657	4,134,621	.....	.....	10,020	9,755	401,628	11,018,681	3,279,379	14,298,060
February.....	4,238,343	3,162,538	.....	.....	18,500	52,300	442,214	7,913,895	3,551,144	11,465,039
March.....	4,655,198	5,560,584	.....	.....	16,515	254,781	709,345	11,196,423	3,712,185	14,908,608
April.....	4,191,244	4,244,636	.....	.....	23,675	408,778	106,298	8,974,631	3,076,087	12,050,718
May.....	6,643,600	11,459,704	.....	.....	.....	411,662	3,810,970	22,325,936	5,316,795	27,642,731
June.....	4,898,381	12,957,161	.....	51,787	41,503	39,600	663,971	18,652,403	4,140,148	22,792,551
July.....	3,662,292	8,945,738	.....	147,337	6,200	131,187	541,120	13,433,874	3,487,316	16,921,190
Total Crop Year 1949-50.....	61,339,354	98,760,090	5,527,535	199,124	143,443	1,833,803	11,653,531	179,456,880	45,679,905	225,136,785
Total Crop Year 1948-49.....	60,351,049	103,521,273	5,314,342	.....	9,793,476	1,415,709	3,839,462	184,235,311	48,094,024	232,329,335
5-Year Average: 1944-45 to 1948-49.....	45,228,270	110,326,512	2,643,794	.....	37,447,388	7,074,399	5,176,955	207,897,318	62,747,327	270,644,645

ANALYSIS OF CANADIAN GRAIN OVERSEAS EXPORTS, BY GRADE AND SEABOARD SECTOR, CROP YEAR 1949-50

Grades	Via Canadian Pacific Seaboard Ports	Via ¹ Canadian St. Lawrence —Atlantic Seaboard Ports	Via United States Atlantic Seaboard Ports	GRAND TOTAL
	bu.	bu.	bu.	bu.
<i>Wheat</i> (Including Durum)—				
1 Northern.....	16,497,360	21,939,879	128,940	38,566,179
2 Northern.....	20,542,758	63,223,383	12,020	83,778,161
3 Northern.....	11,947,197	4,249,353		16,196,550
4 Northern.....	6,606,223	2,239,027		8,845,250
No. 5.....	36,587	91,761	2,483	130,831
No. 6.....		1,000		1,000
Smutty 1 Northern.....		80,702		80,702
Smutty 2 Northern.....		85,311		85,311
Rej. 2 Nor. Mixed Heated.....		14,888		14,888
Tf. Rej. 2 Nor. Mixed Heated.....		6,359		6,359
Sample.....		39,944		39,944
Sample Red Spring.....		64,896		64,896
Sample Fireburnt.....		995		995
1 C.W. Garnet.....	25,821	19,045		44,866
2 C.W. Garnet.....	1,260,784	242,980		1,503,764
3 C.W. Garnet.....	2,948,335	243,723		3,192,058
1 A.R.W.....	849,668			849,668
2 Alberta Winter.....	569,853			569,853
3 Alberta Winter.....	54,768			54,768
Eastern.....		2,207,251		2,207,251
1 C.W. Amber Durum.....		42,955		42,955
2 C.W. Amber Durum.....		3,068,303		3,068,303
3 C.W. Amber Durum.....		6,589,006		6,589,006
Smutty 2 C.W. Amber Durum.....		35,988		35,988
Total.....	61,339,354	104,486,749	143,443	165,969,546
<i>Oats</i> —				
2 C.W.....		84,021		84,021
Ex. 3 C.W.....		62,256		62,256
3 C.W.....	5,882	792,822		798,704
Ex. 1 Feed.....	318,041			318,041
1 Feed.....	198,753	32,986		231,739
Mixed Feed.....	209,400	349,269		558,669
Total.....	732,076	1,321,354		2,053,430
<i>Barley</i> —				
3 C.W. Six-Row.....		55,046		55,046
1 Feed.....	211,385	766,033		977,418
2 Feed.....	230,992			230,992
3 Feed.....	57,633			57,633
Total.....	500,010	821,079		1,321,089
<i>Rye</i> —				
2 C.W.....	80,000	256,259		336,259
3 C.W.....		344,651		344,651
Total.....	80,000	600,910		680,910
<i>Flaxseed</i> —				
1 C.W.....		2,998,357		2,998,357
Sample.....		25,090		25,090
Eastern.....		10,378		10,378
Total.....		3,033,825		3,033,825

¹Including clearances shipped via the Port of Churchill and via Fort William—Port Arthur direct.

EXPORT CLEARANCES OF CANADIAN GRAIN TO OVERSEAS DESTINATION BY SEABOARD PORTS, CROP YEAR 1949-50

Loaded at	Wheat (All Varieties)	Oats	Barley	Rye	Flaxseed	Grand Total All Grains
	bu.	bu.	bu.	bu.	bu.	bu.
Vancouver-New Westmr....	61,339,354	732,076	500,010	80,000		62,651,440
Victoria.....						
Prince Rupert.....						
Montreal.....	62,658,025	835,866	821,079	540,910	2,963,248	67,819,128
Sorel.....	6,097,442			60,000		6,157,442
Three Rivers.....	7,265,310					7,265,310
Quebec.....	4,887,800	393,905				5,281,705
St. John.....						
West St. John.....	11,057,064	91,583			52,481	11,201,128
Halifax.....	6,794,449					6,794,449
Churchill.....	5,527,535					5,527,535
Fort Wm. Port Arthur (Direct).....	199,124				18,096	217,220
Total—Canadian Ports...	165,826,103	2,053,430	1,321,089	680,910	3,033,825	172,915,357
New York.....	143,443					143,443
Total—U.S.A. Ports.....	143,443					143,443
Total to Overseas.....	165,969,546	2,053,430	1,321,089	680,910	3,033,825	173,058,800
Wheat Flour ¹	45,679,905					45,679,905
Rolled Oats and Oatmeal ²		1,403,909				1,403,909
U.S.A. Imports ³	13,487,334	17,089,199	16,202,317	9,273,201		56,052,051
Grand Total.....	225,136,785	20,546,538	17,523,406	9,954,111	3,033,825	276,194,665

¹Canadian Customs Returns converted to bushels, adjusted to remove the effect of time lag in reports made by the Customs.

²Canadian Customs returns converted to bushels.

³Compiled from returns of Canadian elevator licensees and advice from American grain correspondents.

MONTHLY AVERAGE FIXED WESTERN GRAIN PRICES AND OPEN MARKET CLOSING CASH QUOTATIONS CROP YEAR 1949-50

29

[illegible]

BARLEY—

(1) Domestic and Export Sales—

1 C.W. Six-Row.....	151/5	157/5	161/5	153	141/2	142/3	163/3	176/6	172/5	181/3	175/3	159/2
2 C.W. Six-Row.....	151/5	157/5	161/5	153	141/2	142/3	163/3	176/6	172/5	181/3	175/3	159/2
1 C.W. Two-Row.....	147/5	153/5	157/5	149	137/2	138/3	152/6	161/6	155/5	164/3	159/7	150/5
2 C.W. Two-Row.....	147/5	153/5	157/5	149	137/2	138/3	152/6	161/6	155/5	164/3	159/7	150/5
3 C.W. Six-Row.....	149/5	155/5	159/5	151	139/2	140/3	161/3	174/6	170/5	179/3	173/3	157/2
2 C.W. Yellow.....	138/3	144/5	146/5	137	125/2	126/3	139	146/6	148/4	157/2	155	140/7
3 C.W. Yellow.....	137/7	143/5	145/5	136	124/2	125/3	138	145/6	147/4	156/2	153/6	140
1 Feed.....	136/4	139/6	141/6	131	119/2	120/3	132/5	141/6	142/6	151/2	150/4	136
2 Feed.....	135/6	138/2	139/6	128/2	116/6	117/7	131/7	141/2	142/1	150/6	149/6	134/6
3 Feed.....	132/5	134/1	134/7	123/2	111/6	114/7	129/4	137/1	138/5	146/5	145	130/7

(2) Initial Payment to Producers

Compulsory Pool 1949-50—

1 C.W. Six-Row.....	95	95	95	95	95	95	95	95	95	95	95	95
2 C.W. Six-Row.....	95	95	95	95	95	95	95	95	95	95	95	95
1 C.W. Two-Row.....	93	93	93	93	93	93	93	93	93	93	93	93
2 C.W. Two-Row.....	93	93	93	93	93	93	93	93	93	93	93	93
3 C.W. Six-Row.....	93	93	93	93	93	93	93	93	93	93	93	93
2 C.W. Yellow.....	91	91	91	91	91	91	91	91	91	91	91	91
3 C.W. Yellow.....	89	89	89	89	89	89	89	89	89	89	89	89
1 Feed.....	87	87	87	87	87	87	87	87	87	87	87	87
2 Feed.....	83	83	83	83	83	83	83	83	83	83	83	83
3 Feed.....	79	79	79	79	79	79	79	79	79	79	79	79

(3) WINNIPEG GRAIN EXCHANGE

CASH QUOTATIONS—

OATS—

(1) Domestic and Export Sales—

2 C.W.....	74/6	77/3	80/1	81/5	80/4	84	94/7	103/1	109/7	115/7	99/7	90/4
Ex. 3 C.W.....	72/7	75/4	77/6	79	77/5	80/7	92/2	102/1	108/2	114/3	97/7	88/3
3 C.W.....	72/5	74/6	77/2	78/4	76/6	80/2	93/7	101/6	107/6	114/3	97/5	87/7
Ex. 1 Feed.....	72	74/6	77/2	78/4	76/7	80/2	92/7	101/6	107/1	114/3	97/5	87/7
1 Feed.....	71/4	73/4	76/1	77/1	75/5	79/7	92/5	101/4	105/6	113/3	96/4	86/7
2 Feed.....	69/4	71/3	73/3	75/5	74/6	78/6	91/2	100	101/6	109/3	93	84/6
3 Feed.....	67/4	70/2	71/6	72/1	71/1	75/1	87/2	96/1	98	106/1	90	81/4

BARLEY—

(1) Domestic and Export Sales—

1 C.W. Six-Row.....	131/5	151/3	157/2	152/5	141/2	142/2	163/3	176/5	172/4	181/2	175/1	158/7
2 C.W. Six-Row.....	131/5	151/3	157/2	152/5	141/2	142/2	163/3	176/5	172/4	181/2	175/1	158/7
1 C.W. Two-Row.....	126/3	143	149/2	148/5	137/2	138/2	152/6	161/5	155/5	164/3	159/4	149/4
2 C.W. Two-Row.....	126/3	143	149/2	148/5	137/2	138/2	152/6	161/5	155/5	164/3	159/4	149/4
3 C.W. Six-Row.....	130/3	149/3	155/2	150/5	139/2	140/2	161/3	174/5	170/4	179/3	173/1	157
2 C.W. Yellow.....	124/4	137/3	143/2	134/5	122/2	123/2	137/6	146/5	147/4	156/3	154/5	139/3
3 C.W. Yellow.....	124	136/2	141/2	132/5	121/2	122/2	136/6	145/5	146/4	155/3	153/2	138/1
1 Feed.....	125	135/5	139/2	130/6	118/6	120/1	132/5	141	142/2	151/1	149/7	135/5
2 Feed.....	124/3	134/7	137/2	127/3	116/3	117/6	131/6	140/5	141/4	150/5	149/2	134/2
3 Feed.....	121/3	131/3	132/3	122/4	111/4	114/7	129	136/6	138	146/3	144/3	130/2

BOARD OF GRAIN COMMISSIONERS FOR CANADA—STATISTICS BRANCH—*Concluded*
MONTHLY AVERAGE FIXED WESTERN GRAIN PRICES AND OPEN MARKET CLOSING CASH QUOTATIONS, CROP YEAR 1949-50—*Concluded*

—	August	September	October	November	December	January	February	March	April	May	June	July	Yearly Average
(Cents and eighths per bushel)													
(b) WINNIPEG GRAIN EXCHANGE CASH QUOTATIONS ⁵ — <i>Concluded</i>													
Rye—													
(1) Domestic and Export Sales and Producers' Prices—													
2 C.W.....	132/2	139/4	154/4	148/3	153/4	146/1	139/5	143/4	141/6	152/3	146/6	153/7	146
3 C.W.....	128/2	135/4	151/2	144/5	148/6	142/4	136/1	140/4	139/4	149/3	142/5	148/7	142/2
4 C.W.....	121/6	130	144/5	138/6	143/4	135/1	127/4	133/6	132/2	142/3	137/1	142/1	135/6
Ergoty.....	113/6	124/3	137/3	130/6	135/4	127/1	119/5	125/6	124/2	134/3	129/1	134/1	128
Rejected 2 C.W.....	118/6	127	140/5	134/6	139/4	131/1	123/4	129/6	128/2	138/3	133/1	138/1	131/7
FLAXSEED—													
(1) Domestic and Export Sales and Producers' Prices—													
1 C.W.....	341/37	367/5	376/7	378/4	379	365/1	372/5	375/1	377/2	377/7	375/2	374/6	371/6
2 C.W.....	336/37	362/3	371/2	373/4	374	360/1	367/5	370/1	372/2	372/7	370/2	369/6	366/6
3 C.W.....	316/37	342/2	351/2	358	359	345/1	352/5	355	357/2	357/7	355/2	352/3	350/2
4 C.W.....	311/37	337/2	346/2	353	354	340/1	347/5	350/1	352/2	352/7	350/2	347/3	345/2

¹Basis in Store Fort William—Port Arthur or Vancouver.

²Covers sales for seed and Feed or to mills and includes carrying charges—5c. per bushel August 1, 1949, to September 30, 1949, inclusive, and 6c. per bushel during the remainder of the Crop Year.

³Includes carrying charges—5c. per bushel August 1, 1949, to September 30, 1949, inclusive, and 6c. per bushel during the remainder of the Crop Year.

⁴Plus 5c. per bushel carrying charge August 1, 1949, to December 13, 1949, inclusive.

⁵Basis in Store Fort William—Port Arthur.

⁶For Local sales and for Spot sales subject to confirmation.

⁷No official quotations August 1, 1949, to August 27, 1949, inclusive.

NOTE.—The Canadian Wheat Board was authorized to conduct a Voluntary Pool for Flaxseed during 1949-50 with initial payments basis 1 C.W. Flaxseed—\$2.50 per bushel in store Fort William—Port Arthur. Deliveries during the season were small (24,219 bu.); a final payment of \$1.243 per bushel was made on the first two principal grades.

Fort William, Ontario.

(k) ANNUAL WEIGH-OVER, TERMINAL AND EASTERN ELEVATORS

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS, CROP YEAR AUGUST 1, 1949, TO JULY 31, 1950

SUMMARY OF OVERAGES OR SHORTAGES

Date of Audit	Licensee	Wheat		Oats		Mixed Feed Oats		Barley		Rye		Flaxseed		Mixed Grain		Corn	
		Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age
1950		bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
	<i>Canadian Government Elevators—</i>																
July 18.	Edmonton, Alta.	274-20	.....	426-26	.....	176-16	.....	59-18	33-32	.....	.....	.....	.....	6,000	.....	.....	27-48
July 24.	Lethbridge, Alta. ....	.....	6-10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July 17.	Saskatoon, Sask. ....	.....	.....	-10	.....	.....	.....	.....	.....	.....	.....	.....	16-51	.....	.....	.....	.....
July 27.	Moose Jaw, Sask. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals.....	274-20	6-10	427-02	.....	176-16	.....	60-20	33-32	.....	.....	.....	16-51	6,000	.....	.....	27-48
	Net Total Overage.....	268-10	.....	427-02	.....	.....	.....	.....	33-32	.....	.....	.....	16-51	6,000	.....	.....	.....
	or Shortage.....	.....	.....	.....	.....	176-16	.....	60-20	.....	.....	.....	.....	.....	.....	.....	.....	27-48

Fort William, Ont.

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1949-50

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS REVEALED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR, AUGUST 1, 1949 TO JULY 31, 1950 OF GRAIN IN STORE IN PUBLIC TERMINAL ELEVATORS IN THE WESTERN DIVISION AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit	LICENSEE	EXCESS						DEFICIENCY					
		1		2		3		1		2		3	
		Hard	Northern	Northern	Northern	1 C.W. Garnet	2 C.W. Garnet	Hard	Northern	Northern	Northern	1 C.W. Garnet	2 C.W. Garnet
1950		bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
July 18.....	Canadian Government Elevators— Edmonton, Alta.....									7-40	13-50		
July 24.....	Lethbridge, Alta.....							15-30	23-30				
July 17.....	Saskatoon, Sask.....							3-50					
July 27.....	Moose Jaw, Sask.....							11-10	27-00				

Fort William, Ont.

BOARD OF GRAIN COMMISSIONERS FOR CANADA

STATISTICS BRANCH

ANNUAL WEIGH-UP, CROP YEAR 1949-50

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR AUGUST 1, 1949, TO JULY 31, 1950, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, FORT WILLIAM-PORT ARTHUR, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit	LICENSEE	EXCESS					DEFICIENCY						
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
		bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
July 27-28	Canadian Consolidated Grain Co. Empire								223-40	818-20	2,050-20		
July 15-20	Eastern Terminal Elevator Co. Ltd. Jas. Richardson & Sons								1,208-40	698-40	327-40	3-20	51-00
July 31-Aug. 4. June 27-29	Federal Grain Ltd. Northwestern Stewart								4,602-00 6,609-30	15,923-40 16,810-50	1,773-40 1,008-00		39-40
Dec. 5-7 Aug. 10-15 Dec. 12-15	Fort William Elevator Co. Ltd. Elevator "E" Elevator "F" Lakehead Terminals Ltd.				480-30				1,033-00 1,204-30 640-20	87-40 1,124-50 464-00	380-10 133-40		8-50 3-40
June 20-21 May 29-30 June 9-14 Aug. 20-23 June 27-28 June 2-9	Manitoba Pool Elevators Terminal No. 1 Terminal No. 2 Terminal No. 3 Terminal No. 6 Terminal No. 8 Terminal No. 9								109-00 340-30 146-00 1,316-40 2,540-10 355-20	1,357-50 2,336-30 6,485-00 7,026-10 18,980-40 2,375-00	140-00 770-50 124-50 1,508-50 2,078-20 377-00		
Dec. 9-14	McCabe Grain Co. Ltd. Dominion Govt. Elevator				1,532-00				1,719-00	10,308-40			2-00

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1949-50

SUMMARY OF RESULTS OF CALCULATION OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. GARNET AND 2 C.W. GARNET GRADES OF WHEAT, AS DISCLOSED BY THE ANNUAL WEIGH-UP DURING THE CROP YEAR AUGUST 1, 1949, TO JULY 31, 1950, OF GRAIN IN STORE IN SEMI-PUBLIC TERMINAL ELEVATORS, VANCOUVER-NEW WESTMINSTER, CHURCHILL AND NORTH TRANSCONA, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit	LICENSEE	EXCESS					DEFICIENCY						
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
		bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
July 18-24, 1950.	<i>Vancouver-New Westminster</i> Searle Grain Co. Ltd.					1-00			1,071-10	2,845-00	3,131-20		229-20
	<i>Churchill, Man.</i>												
Oct. 6-12, 1949.	National Harbours Board Elev.			7,433-00					699-00				910-00
	<i>North Transcona, Man.</i>												
July 21, 1950.	Eastern Terminal Elevator.								56-50	287-00	37-30		

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1949-50

SUMMARY OF RESULTS OF CALCULATIONS OF EXCESS OR DEFICIENCY IN THE FIRST FOUR STATUTORY AND 1 C.W. AND 2 C.W. GARNET GRADES OF WHEAT HANDLED AND IN STORE IN PRIVATE TERMINAL ELEVATORS IN THE WESTERN DIVISION, DURING CROP YEAR, AUGUST 1, 1949, TO JULY 31, 1950, AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138, CANADA GRAIN ACT, 1930, AND AMENDMENTS THERETO

Date of Audit, July 27, 1950.	Calgary, Alberta	
	Canada Malting Co. Ltd. No. 1	
	Excess bu.	Deficiency bu.
1 Hard.....		
1 Northern.....		
2 Northern.....		5-00
3 Northern.....		
1 C.W. Garnet.....		
2 C.W. Garnet.....		38-50

No wheat of the above grades was handled or in store in the following elevators:—

Date of Audit	Elevator Company	Location
July 26, 1950	Canada Malting Co. Ltd. No. 2.....	Calgary, Alta.
Mar. 17, 1950	Canada Malting Co. Ltd.....	Winnipeg, Man.
July 14, 1950	Canada Malting Co. Ltd.....	Port Arthur, Ont.
Mar. 24, 1950	Dominion Malting Co. Ltd.....	S. Transcona, Man.
July 20, 1950	United Grain Growers Term. Ltd.....	Edmonton, Alta.
July 22, 1950	National Grain Co. Ltd. (D. & S.).....	Fort William, Ont.

BOARD OF GRAIN COMMISSIONERS FOR CANADA

ANNUAL WEIGH-UP, CROP YEAR 1949-50

SUMMARY OF RESULTS OF CALCULATIONS OF OVERAGES AND SHORTAGES IN WESTERN CANADIAN AND FOREIGN GRAIN AS REVEALED BY THE ANNUAL WEIGH-UP DURING CROP YEAR AUGUST 1, 1949, TO JULY 31, 1950, OF GRAIN IN STORE IN EASTERN ELEVATORS AND ARRIVED AT IN THE MANNER PRESCRIBED IN SECTION 138A, CANADA GRAIN ACT 1930, AND AMENDMENTS THERETO.

Date of Audit	Licensee	Kind of Grain	Overage bu.	Shortage bu.
1950				
April 14— April 24	Collingwood— Collingwood Terminals Ltd.....	Western Canadian Wheat....		3,184-30
		Western Canadian Oats.....		494-21
		Western Canadian Barley....	1,012-29	
		Western Canadian Sple. Grn.		(lbs.) 100
		Western Canadian Sergrs....	3,690 (lbs.)	
		U.S.A. Wheat.....		948-00
		U.S.A. Corn.....		1-28
Mar. 16	Goderich— Goderich El. & Trst. Co. Ltd....	Western Canadian Wheat....		4,601-39
		Western Canadian Oats.....		2,916-31
		Western Canadian Barley....		686-07
		Western Canadian Rye.....		49-07
		Western Canadian Flaxseed..		89-14
		Western Canadian Mixed Grain.....		(lbs.) 1,570
		Western Canadian Sample Grain.....		(lbs.) 490
		Western Canadian Screenings		(lbs.) 5,750
		U.S.A. Oats.....		337-24
		U.S.A. Corn.....		634-16

ANNUAL WEIGH-UP, CROP YEAR 1949-50 (Continued)

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
1950			bu.	bu.
Mar. 20	<i>Goderich—</i> Purity Flour Mills Co. Ltd.	Western Canadian Wheat.....		6,115-00
		Western Canadian Oats.....		101-09
		Western Canadian Barley.....		6-19
		U.S.A. Corn.....		245-47
Mar. 31	<i>Humberstone—</i>			
April 6	Robin Hood Flour Mills.....	Western Canadian Wheat.....		7,997-00
		Western Canadian Rye.....		40-33
Mar. 21-	<i>Kingston—</i>			
Mar. 24	Canada Steamship Lines El.....	Western Canadian Wheat.....		9,997-10
		Western Canadian Oats.....		602-05
		Western Canadian Barley.....		1,568-24
		Western Canadian Rye.....		129-18
		Western Canadian Flaxseed.....		2,282-08
		U.S.A. Corn.....		639-42
Mar. 30-	<i>Midland—</i>			
April 13	Aberdeen Elev. Co. Ltd.....	Western Canadian Wheat.....		506-20
		Western Canadian Oats.....		94-28
		Western Canadian Barley.....		86-03
		Western Canadian Flaxseed.....	101-34	
		U.S.A. Wheat.....		367-30
		U.S.A. Barley.....		2,327-03
		U.S.A. Corn.....		123-18
April 6-	<i>Midland—</i>			
May 6	Can. National Rlys. El. & Co.....	Western Canadian Wheat.....		4,599-20
		Western Canadian Oats.....		148-19
		Western Canadian Flaxseed.....		68-42
		U.S.A. Wheat.....		2,922-20
		U.S.A. Barley.....		2,920-45
April 22-	<i>Midland—</i>			
April 29	Canada Steamship Lines Co.....	Western Canadian Wheat.....		1,364-00
		Western Canadian Oats.....		91-13
		Western Canadian Barley.....		61-19
		Western Canadian Flaxseed.....	94-46	
Mar. 27-	<i>Midland—</i>			
April 3	Midland Simcoe Elev.....	Western Canadian Wheat.....		1,674-50
		Western Canadian Oats.....		1,872-25
		Western Canadian Barley.....		1,170-28
		Western Canadian Mixed Grain.....		5,540 lbs.
		U.S.A. Wheat.....		2,525-40
		Western Canadian Oats.....		176-14
April 25-	<i>Owen Sound—</i>			
April 29	Great Lakes Elev. Co. Ltd.....	Western Canadian Wheat.....		6,526-30
		Western Canadian Oats.....		3,771-06
		Western Canadian Barley.....		1,168-28
		Western Canadian Flaxseed.....		15-24
		Western Canadian Mixed Grain.....		(lbs.) 850
		Western Canadian Sample Grain.....		(lbs.) 7,910
		Western Canadian Screenings.....		(lbs.) 6,750
		U.S.A. Barley.....		1,504-37
		U.S.A. Corn.....		130-22
Feb. 27-	<i>Port Colborne—</i>			
Mar. 7	National Harbours Board El.....	Western Canadian Wheat.....		17,495-30
		Western Canadian Oats.....		1,174-17
		Western Canadian Barley.....	740-44	
		Western Canadian Rye.....		1,463-34
		Western Canadian Flaxseed.....		43-44
		U.S.A. Oats.....		1,936-12
		U.S.A. Barley.....		201-05
		U.S.A. Corn.....		5,707-35
Mar. 8-	<i>Port Colborne—</i>			
Mar. 14	Maple Leaf Milling Co. Ltd.....	Western Canadian Wheat.....		10,089-40
		Western Canadian Oats.....		340-28
		Western Canadian Mixed Feed Oats Groats.....	16,640-20	
		Western Canadian Barley.....		152-46
		Western Canadian Rye.....		28-52
		U.S.A. Corn.....		28-36

ANNUAL WEIGH-UP, CROP YEAR 1949-50—(Continued)

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
1950			bu.	bu.
April 4- April 21	<i>Port McNicoll</i> — Can. Pacific Rly. Elev.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Flaxseed..... U.S.A. Wheat.....	170-22	7,747-30 626-33 253-42 3,484-40
Mar. 6- Mar. 20	<i>Prescott</i> — National Harbours Board Elev....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Flaxseed..... Western Canadian Mixed Grain..... Western Canadian Sample Grain..... Western Canadian Salvage Grain..... Western Canadian Screenings..... U.S.A. Oats..... U.S.A. Corn.....	712-18	1,099-50 198-01 74-44 657-13 (lbs.) 230 18,890 (lbs.) (lbs.) 232,450 (lbs.) 50 92-02 1,138-14
April 10- April 27	<i>Sarnia</i> — Sarnia Elevator Co. Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Flaxseed..... U.S.A. Wheat..... U.S.A. Corn.....		7,632-12 987-17 1,978-38 1,247-03 570-40 627-15
Mar. 20- Mar. 29	<i>Toronto</i> — Toronto Elevators Ltd.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Flaxseed..... Western Canadian Screenings..... U.S.A. Corn.....		3,354-20 2,196-02 1,891-07 1,073-18 (lbs.) 80 611-23
Mar. 9- Mar. 17	<i>Walkerville</i> .. Hiram Walker & Sons Gr. Corp..	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Screenings..... U.S.A. Oats..... U.S.A. Corn..... U.S.A. Soya Beans..... U.S.A. Dried Grains..... Origin Unknown Dried Grains.....	241-31	120-50 283-01 839-42 (lbs.) 10 228-15 1,947-27 23-05 (lbs.) 220 (lbs.) 820
Feb. 16- Mar. 3	<i>Montreal</i> — National Harbours Board El.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Rye..... Western Canadian Flaxseed..... Western Canadian Mixed Grain..... Western Canadian Sample Grain..... Western Canadian Screenings..... U.S.A. Oats..... U.S.A. Barley..... U.S.A. Corn..... U.S.A. Buckwheat..... U.S.A. Soya Beans.....		29,725-40 2,317-25 1,973-00 2,309-24 4,018-23 (lbs.) 61,450 (lbs.) 1,430 (lbs.) 4,300 4,172-28 5 1-22 7,373-13 7-16 142-40
Feb. 11- Feb. 16	<i>Montreal</i> — Dominion Elevator Co.....	Western Canadian Wheat..... Western Canadian Oats..... Western Canadian Barley..... Western Canadian Screenings..... U.S.A. Corn.....		657-20 436-17 275-18 (lbs.) 6,830 299-13

ANNUAL WEIGH-UP, CROP YEAR 1949-50—(Concluded)

CALCULATIONS OF OVERAGE OR SHORTAGE—EASTERN ELEVATORS

Date of Audit	Licensee	Kind of Grain	Overage	Shortage
			bu.	bu.
Jan. 23- Jan. 30	Quebec— National Harbours Board El.....	Western Canadian Wheat.....		3,421-40
		Western Canadian Oats.....		855-13
		Western Canadian Barley.....		234-21
		Western Canadian Rye.....		68-30
		Western Canadian Sample Grain.....	(lbs.)	80
		Western Canadian Screenings.....	(lbs.)	750
		U.S.A. Corn.....		143-29
Jan. 30- Feb. 14	Sorel— North American Elevs. Ltd.....	Western Canadian Wheat.....		6,606-25
		Western Canadian Oats.....		9-00
		Western Canadian Barley.....	35-43	
		Western Canadian Rye.....		152-38
		Western Canadian Screenings.....	418 (lbs.)	
		U.S.A. Oats.....		949-22
		U.S.A. Corn.....		1,918-12
Jan. 31- Feb. 10	Three Rivers— Three Rivers Gr. & Elev. Co.....	Western Canadian Wheat.....		5,172-50
		Western Canadian Oats.....		1-08
		U.S.A. Wheat.....		48-50
		U.S.A. Corn.....		152-54
		U.S.A. Soya Beans.....		62-20
June 26	Halifax— National Harbours Board El.....	Western Canadian Wheat.....		3,880-40
		Western Canadian Oats.....		131-02
		Western Canadian Barley.....		3-07
		U.S.A. Corn.....		114-13
April 25	St. John— Can. Nat. Rlys. Elevator.....	Western Canadian Wheat.....		1-00
		Western Canadian Oats.....		32-16
		Western Canadian Barley.....		51-45
		U.S.A. Corn.....		-35
April 24	West St. John— Can. Pac. Rlys. Elev. "B".....	Western Canadian Wheat.....		2,131-10
		Western Canadian Oats.....		18-03
		Western Canadian Screenings.....	(lbs.)	350
April 24	West St. John— Can. Pac. Rlys. Elev. "H".....	Western Canadian Wheat.....		3,806-30
		Western Canadian Oats.....		39-06
		Western Canadian Flaxseed.....		32-45
		U.S.A. Corn.....		185-00

APPENDIX No. 2

COMMITTEE ON GRAIN STANDARDS

COMMITTEE ON WESTERN GRAIN STANDARDS, 1950

D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners
 J. Vallance, Commissioner, Board of Grain Commissioners
 R. W. Milner, Commissioner, Board of Grain Commissioners
 A. F. Dollery, Chief Grain Inspector, Board of Grain Commissioners
 J. Forsyth, Chairman, Grain Appeal Tribunal, Winnipeg
 C. R. Manahan, Chairman, Grain Appeal Tribunal, Edmonton
 P. J. Marples, Chairman, Grain Appeal Tribunal, Calgary
 Dr. J. A. Anderson, Chief Chemist, Dominion Grain Research Laboratory
 Dr. C. H. Goulden, Dominion Cerealists
 W. A. Hastings, representing the millers of wheat flour

George Bennett
 W. H. Fairfield
 R. H. MacDonald
 B. S. Plumer

} Representing grain growers in Alberta

A. F. Sproule
 Prof. M. Champlin
 J. Wellbelove
 L. L. Gray
 G. S. Canfield

} Representing grain growers in Saskatchewan

W. J. Parker
 R. Barrett
 Ray Mitchell

} Representing grain growers in Manitoba

G. Constable, representing grain growers in British Columbia
 Nelson Young, representing Plant Products Division, Department of Agriculture

COMMITTEE ON EASTERN GRAIN STANDARDS, 1950

D. G. McKenzie, Chief Commissioner, Board of Grain Commissioners
 J. Vallance, Commissioner, Board of Grain Commissioners
 R. W. Milner, Commissioner, Board of Grain Commissioners
 A. F. Dollery, Chief Grain Inspector, Board of Grain Commissioners,
 N. Clare Wight, representing Montreal Board of Trade
 E. D. Sullivan, representing Toronto Board of Trade
 Guy D. Robinson, representing exporters of grain

F. H. Dunsford
 H. Norman Davis

} Representing millers of wheat in the Eastern Division

Hugh Bailey
 W. A. Amos

} Representing grain growers in Ontario

Wm. Wallace
 J. M. VITTE
 John W. Ham

} Additional—representing growers of corn

Meetings held: Western Committee, Winnipeg, September 28, 1950 and October 25, 1950

Eastern Committee, Toronto, August 15, 1950 and November 17, 1950

APPENDIX No. 3

GRAIN APPEAL TRIBUNALS

Winnipeg

J. Forsyth, Chairman
 Grant Hammond
 W. E. McLeod
 A. F. Moore
 James Gregory
 S. C. Swanton
 J. F. Lazenby
 D. K. Mills
 H. R. Ballance
 J. A. Wittebolle
 (Acting Secretary)

Calgary

P. J. Marples, Chairman
 T. F. Allison
 J. Tranter
 W. N. Pringle
 W. McLeod
 E. J. Munson
 G. C. Arbuthnott
 A. Watson
 G. R. Deeton

Edmonton

C. R. Manahan, Chairman
 J. F. Schofield
 W. H. Boyle
 J. R. MacRae
 T. Stickney
 J. A. Kyle
 H. A. Haggarty
 C. E. Sage
 Ross Saunders
 D. K. McKay (Secretary)

Toronto

John W. Ham
 C. H. Coatsworth
 R. O. Pratt
 N. H. Campbell
 C. W. Heimbecker
 L. S. Johnston
 W. H. McCarthy
 W. A. Robertson
 E. D. Sullivan
 K. F. Wadsworth
 F. D. Tolchard (Secretary)

Montreal

A. Chaplin
 T. B. Earle
 J. A. Byrne
 J. M. Vittie
 T. A. Climo
 E. Lorne Tracey (Secretary)

SUMMARY OF APPEALS FOR THE CROP YEAR ENDED JULY 31, 1950

	Appeals Held	Number of Appeals Allowed		Number of Appeals Disallowed
		Raised	Lowered	
Winnipeg.....	199	9	Nil	190
Calgary.....	568	96	Nil	472
Edmonton.....	211	30	Nil	181
Toronto.....	Nil	Nil	Nil	Nil
Montreal.....	Nil	Nil	Nil	Nil
	978	135	Nil	843

APPENDIX No. 4

REPORT OF REGISTRAR

WINNIPEG, MANITOBA,

December 1, 1950

The Secretary,
Board of Grain Commissioners for Canada,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit hereunder statement showing the total registrations and registrations for cancellation of terminal warehouse receipts, Western Division, and Eastern warehouse receipts or transfer receipts during the crop year ended July 31, 1950:

	Bushels Registered	Bushels Registered for Cancellation
<i>Winnipeg—</i>		
Wheat.....	188,614,545	175,709,70
Oats.....	62,144,409	63,111,88
Barley.....	38,575,251	38,341,07
Flax.....	1,891,079	5,020,40
Rye.....	9,484,896	9,986,30
Mixed Grain.....	872,876	786,80
Corn.....	191,821	180,84
Buckwheat.....	8,371	1,90
<i>Vancouver—</i>		
Wheat.....	71,886,542	64,970,10
Oats.....	1,723,331	2,706,10
Barley.....	1,014,317	946,20
Flax.....	76	
Rye.....	46,786	86,91
Mixed Grain.....	63,643	11,61
Corn.....	1,047,583	
Buckwheat.....	1,476,474	
<i>Calgary—</i>		
Wheat.....	371,374	383,17
Oats.....	81,853	79,94
Barley.....	1,943,011	2,074,11
Rye.....	78,463	53,80
Mixed Grain.....	3,047	1,50
Corn.....	6,001	20,80
<i>Edmonton—</i>		
Wheat.....	131,802	170,11
Oats.....	269,335	258,40
Barley.....	18,747	17,30
Rye.....	1,745	1,60
Mixed Grain.....		
Corn.....	1,497	4,90
<i>Lethbridge—</i>		
Wheat.....	15,256	15,90
Oats.....		11
Barley.....	415	4
Flax.....	427	4
Mixed Grain.....	226	2

	Bushels Registered	Bushels Registered for Cancellation
<i>Moose Jaw—</i>		
Wheat.....	27,425	27,572
Oats.....	5,351	5,314
Barley.....	505	10
Flax.....		3,050
Rye.....	1,575	2,080
Mixed Grain.....		31,872
Corn.....	12,583	6,033
Rapeseed.....	250,105	277,064
<i>Saskatoon—</i>		
Wheat.....	2,951	3,257
Oats.....	1,933	1,933
Flax.....		11,269
Mixed Grain.....		936
Rapeseed.....	153	
<i>Summary, Western Division—</i>		
Wheat.....	261,049,895	241,280,043
Oats.....	64,226,212	66,163,774
Barley.....	41,552,246	41,379,294
Flax.....	1,891,582	5,035,296
Rye.....	9,613,465	10,130,895
Mixed Grain.....	939,792	833,089
Corn.....	1,259,485	212,638
Buckwheat.....	1,484,845	1,961
Rapeseed.....	250,258	277,064
Total All Grains.....	382,267,780	365,312,093

EASTERN WAREHOUSE RECEIPTS OR TRANSFER RECEIPTS

<i>Montreal—</i>		
Wheat.....	271,299,388	257,034,134
Oats.....	44,525,720	45,219,196
Barley.....	21,936,622	19,446,003
Flax.....	9,397,231	12,430,657
Rye.....	749,928	1,560,334
Mixed Grain.....	716,792	631,663
Corn.....	38,199,872	37,677,771
Screenings.....	680,052	843,481
Buckwheat.....	92,865	110,140
Beans.....	394,105	386,053
Oats Groats.....	16,640	15,544
Dried Grains.....	102,486	27,124
Peas.....	1,707	896
Salvage Grain.....	6,085	6,085
Total All Grains.....	388,119,493	375,389,081

Yours respectfully,

E. L. JAFFRAY,
Registrar.

APPENDIX No. 5

1064 Grain Exchange,

WINNIPEG, MAN.,

December 5, 1950.

Mr. A. T. Calder, Secretary,
WINNIPEG, MAN.

DEAR SIR,—I have the honour to submit herewith the annual report covering cars and cargo inspections in the Western Division, also the car and cargo inspections and sampling of grain in the Eastern Division for the crop year ending July 31st, 1950.

The Red Spring Wheat crop in Manitoba was equal to that of 1948.

Cars of Barley inspected were heavier in weight per bushel with less admixtures of unapproved varieties, resulting in a higher percentage of cars being graded into the malting grades.

Drought occurred in the South and parts of the central area of Saskatchewan with the result Red Spring Wheat contained thin shrunken kernels, but on the whole was equal to the 1948 crop.

In the northern areas considerable wheat was degraded on account of green immature and frosted kernels.

The coarse grains were of better quality than the previous crop, heavier in weight per bushel and containing less immaturity.

The crop in the Peace River area of Alberta showed marked improvement over the preceding crop with most of the Red Spring Wheat grading into the contract grades.

In the Edmonton and central areas of Alberta some damage was caused by second growth and frost late in the season.

The total number of cars inspected in the Western Division for the year 1949-50 was 246,264 as against 253,282 for the previous year, a decrease of 7,018

Yours truly,

A. F. DOLLERY,
Chief Grain Inspector

WESTERN DIVISION

The total Primary Inspections in the Western Division from August 1 1949 to July 31, 1950 are made up as follows:

	Cars	Percentage
Wheat.....	179,555	72.91
Oats.....	31,918	12.96
Barley.....	26,815	10.88
Flax.....	1,200	0.48
Rye.....	5,706	2.31
Mixed Grain.....	440	0.17
Corn.....	214	0.08
Buckwheat.....	5	0.00
Screenings.....	385	0.15
Sunflower Seeds.....	1	N
Rapeseed.....	1	N
Peas.....	24	0.00
Total.....	246,264	100.00

The Grades of Wheat are as follows:

	Cars	Percentage	Percentage of Total Wheat Inspections
1 Manitoba Hard.....	1	0.001	
1 Manitoba Northern.....	31,743	18.900	
2 Manitoba Northern.....	100,135	59.619	
3 Manitoba Northern.....	20,299	12.086	
4 Manitoba Northern.....	5,487	3.261	
No. 4 Special.....	17	0.010	
No. 5.....	3,976	2.370	
No. 6.....	780	0.465	
Feed.....	58	0.035	
Sample.....	134	0.080	
Smutty.....	286	0.170	
Tough.....	3,980	2.370	
Damp.....	117	0.069	
Rejected.....	946	0.564	
Total Red Spring Wheats.....	167,959	100.000	93.542
1 Canada Western Garnet.....	20	0.051	
2 Canada Western Garnet.....	1,040	33.854	
3 Canada Western Garnet.....	1,913	62.272	
Tough Canada Western Garnet.....	84	2.734	
Damp Canada Western Garnet.....	1	0.032	
Rejected Canada Western Garnet.....	14	0.457	
Total Garnet Wheats.....	3,072	100.000	1.711
1 Canada Western Amber Durum.....	239	3.670	
2 Canada Western Amber Durum.....	2,307	35.421	
3 Canada Western Amber Durum.....	3,622	55.612	
4 Canada Western Amber Durum.....	107	1.643	
5 Canada Western Amber Durum.....	2	0.031	
Smutty Canada Western Amber Durum.....	54	0.829	
Tough Canada Western Amber Durum.....	60	0.921	
Rejected Canada Western Amber Durum.....	90	1.381	
Sample Canada Western Amber Durum.....	32	0.492	
Total Amber Durum Wheats.....	6,513	100.000	3.627
1 Canada Western Soft White Spring.....	304	45.579	
2 Canada Western Soft White Spring.....	288	43.178	
3 Canada Western Soft White Spring.....	50	7.496	
4 Canada Western Soft White Spring.....	10	1.499	
Smutty Canada Western Soft White Spring.....	1	0.149	
Tough Canada Western Soft White Spring.....	7	1.050	
Damp Canada Western Soft White Spring.....	1	0.149	
Rejected Canada Western Soft White Spring.....	6	0.900	
Total Soft White Spring Wheats.....	667	100.000	0.372
1 Canada Western Mixed Wheat.....	119	51.515	
2 Canada Western Mixed Wheat.....	4	1.731	
3 Canada Western Mixed Wheat.....	43	18.615	
4 Canada Western Mixed Wheat.....	1	0.433	
5 Canada Western Mixed Wheat.....	36	15.585	
Tough Canada Western Mixed Wheat.....	12	5.195	
Damp Canada Western Mixed Wheat.....	1	0.433	
Smutty Canada Western Mixed Wheat.....	2	0.866	
Rejected Canada Western Mixed Wheat.....	13	5.627	
Total Mixed Wheats.....	231	100.000	0.129
1 Alberta Red Winter.....	576	51.753	
2 Alberta Winter.....	314	28.212	
3 Alberta Winter.....	105	9.434	
4 Alberta Winter.....	13	1.168	
Tough Alberta Winter.....	27	2.426	
Smutty Alberta Winter.....	50	4.492	
Rejected Alberta Winter.....	27	2.426	
Sample Alberta Winter.....	1	0.089	
Total Alberta Winter Wheats.....	1,113	100.000	0.619
Total All Wheats.....	179,555		100.000

The Grade of Oats are as follows:

	Cars	Percentages
2 Canada Western.....	765	2.397
Extra 3 Canada Western.....	3,241	10.154
3 Canada Western.....	9,323	29.209
Extra 1 Feed.....	4,012	12.570
1 Feed.....	11,799	36.967
2 Feed.....	2,012	6.304
3 Feed.....	273	0.855
Mixed Feed Oats.....	22	0.068
Rejected Oats.....	50	0.157
Sample.....	13	0.041
Tough.....	400	1.253
Damp.....	8	0.025
Total Oats.....	31,918	100.000

The Grades of Barley are as follows:

1 Canada Western Six Row.....	3	0.011
2 Canada Western Six Row.....	3,246	12.105
3 Canada Western Six Row.....	6,946	25.904
2 Canada Western Two Row.....	156	0.582
2 Canada Western Yellow.....	5	0.019
3 Canada Western Yellow.....	27	0.101
1 Feed.....	6,193	23.095
2 Feed.....	6,839	25.504
3 Feed.....	2,016	7.518
Rejected.....	76	0.283
Sample.....	53	0.198
Tough.....	1,172	4.371
Damp.....	83	0.309
Total Barley.....	26,815	100.000

The Grades of Flax are as follows:

1 Canada Western.....	1,075	89.583
2 Canada Western.....	55	4.583
3 Canada Western.....	16	1.333
4 Canada Western.....	3	0.250
Sample.....	11	0.917
Tough.....	37	3.083
Damp.....	2	0.137
Flax and Broken Wheat.....	1	0.084
Total Flax.....	1,200	100.000

The Grades of Rye are as follows:

1 Canada Western.....	11	0.193
2 Canada Western.....	3,081	53.996
3 Canada Western.....	2,153	37.732
4 Canada Western.....	230	4.031
Ergoty Rye.....	73	1.277
Rejected.....	17	0.298
Tough.....	134	2.348
Damp.....	2	0.033
Sample.....	5	0.088
Total Rye.....	5,706	100.000

The Grades of Mixed Grain are as follows:

	Cars	Percentages
No. 1 Mixed Grain.....	124	28.182
No. 2 Mixed Grain.....	68	15.455
No. 3 Mixed Grain.....	199	45.227
No. 4 Mixed Grain.....	4	0.909
Tough.....	22	5.000
Damp.....	4	0.909
Smutty.....	2	0.454
Rejected.....	6	1.364
Sample.....	11	2.500
Total Mixed Grain.....	440	100.000

The Grades of Corn are as follows:

No. 1 Canada Western Yellow.....	15	7.009
No. 2 Canada Western Yellow.....	24	11.215
No. 3 Canada Western Yellow.....	14	6.542
No. 4 Canada Western Yellow.....	6	2.804
No. 5 Canada Western Yellow.....	5	2.336
Tough.....	12	5.608
Damp.....	1	0.467
Moist.....	66	30.841
Wet.....	68	31.776
Sample.....	3	1.402
Total Corn.....	214	100.000

Buckwheat.....	4	
Screenings.....	385	
Sunflower Seeds.....	1	
Rapeseed.....	1	
Peas.....	24	
Total.....	246,264	

THE NUMBER OF CARS OF GRAIN INSPECTED AT THE VARIOUS POINTS DURING
THE CROP YEAR AUGUST 1, 1949 TO JULY 31, 1950

Points	Cars	Percentages
Winnipeg.....	174,969	71.049
Calgary.....	30,096	12.221
Moose Jaw.....	4,264	1.732
Saskatoon.....	5,608	2.277
Medicine Hat.....	3,197	1.298
Lethbridge.....	107	0.043
Vancouver.....	1,990	0.808
Edmonton.....	22,158	8.998
Churchill.....	3,875	1.574
Total.....	246,264	100.000

SUMMARY OF CARS RE-INSPECTED 1949-50

	Winnipeg			Calgary		
Cars inspected.....	174,969			30,096		
Cars re-inspected.....	29,835 17.05%			6,701 22.27%		
Reinspections	Cars	Percentage of		Cars	Percentage of	
		Rein- spections	Total Cars Inspected		Rein- spections	Total Cars Inspected
Left as Graded.....	17,078	57.24	9.76	2,779	41.47	9.23
Grades Raised.....	6,101	20.45	3.49	2,006	29.93	6.67
Grades Lowered.....	585	1.96	0.33	116	1.73	0.39
Dockage Raised.....	821	2.75	0.47	645	9.63	2.14
Dockage Lowered.....	5,250	17.60	3.0	1,155	17.24	3.84
Total.....	29,835	100.00	17.05	6,701	100.00	22.27
	Edmonton			Saskatoon		
Cars Inspected.....	22,158			5,608		
Cars Re-inspected.....	7,383 33.32%			285 5.08%		
Reinspections	Cars	Percentage of		Cars	Percentage of	
		Rein- spections	Total Cars Inspected		Rein- spections	Total Cars Inspected
Left as Graded.....	3,084	41.78	13.92	272	95.44	4.85
Grades Raised.....	1,044	14.14	4.71	13	4.5	0.23
Grades Lowered.....	168	2.27	0.76			
Dockage Raised.....	425	5.76	1.92			
Dockage Lowered.....	2,662	36.05	12.01			
Total.....	7,383	100.00	33.32	285	100.00	5.08
	Moose Jaw			Medicine Hat		
Cars Inspected.....	4,264			3,197		
Cars Re-inspected.....	224 5.25%			100 3.12%		
Reinspections	Cars	Percentage of		Cars	Percentage of	
		Rein- spections	Total Cars Inspected		Rein- spections	Total Cars Inspected
Left as Graded.....	210	93.75	4.92	40	40.00	1.25
Grades Raised.....	12	5.36	0.28	40	40.00	1.25
Grades Lowered.....						
Dockage Raised.....	2	0.89	0.05	10	10.00	0.31
Dockage Lowered.....				10	10.00	0.31
Total.....	224	100.00	5.25	100	100.00	3.12
	Lethbridge			Vancouver		
Cars Inspected.....	107			1,990		
Cars Re-inspected.....	Nil			41 2.06%		
Reinspections	Cars	Percentage of		Cars	Percentage of	
		Rein- spections	Total Cars Inspected		Rein- spections	Total Cars Inspected
Left as Graded.....				33	80.49	1.66
Grades Raised.....				8	19.51	0.40
Grades Lowered.....						
Dockage Raised.....						
Dockage Lowered.....						
Total.....				41	100.00	2.06
	Churchill					
Cars Inspected.....				3,875		
Cars Reinspected.....				Nil		

RECAPITULATION OF RE-INSPECTIONS

Total Cars Inspected.....		246,264	
Total Cars Re-inspected.....		44,569	18·10%
	Cars	Percentage of	
		Rein- spections	Total Inspections
Left as Graded.....	23,496	52·72	9·54
Grades Raised.....	9,224	20·69	3·75
Grades Lowered.....	869	1·95	0·35
Dockage Raised.....	1,903	4·27	0·77
Dockage Lowered.....	9,077	20·37	3·69
Total.....	44,569	100·00	18·10

SUMMARY OF CARS APPEALED

	Winnipeg		Edmonton		Calgary		Total	
	Cars	Percent	Cars	Percent	Cars	Percent	Cars	Percent
Left as Graded.....	190	95·48	182	86·26	473	83·27	845	86·40
Grades Raised.....	9	4·52	29	13·74	95	16·73	133	13·60
Grades Lowered.....								
Dockage Raised.....								
Dockage Lowered.....								
Total.....	199	100·00	211	100·00	568	100·00	978	100·00

PERCENTAGE OF APPEALS TO TOTAL INSPECTIONS

	Cars	Percent
Total Inspections.....	246,264	
Total Appeals.....	978	0·40
Total Grades Changed.....	133	0·054

GRAIN INSPECTED AND SHIPPED BY VESSEL AUGUST 1, 1949 TO JULY 31, 1950

	Fort William and Port Arthur	Vancouver and Victoria	Churchill
	bushels	bushels	bushels
Wheat.....	165,328,239	61,357,557	5,527,535
Oats.....	41,274,953	761,483	
Barley.....	13,254,517	500,009	
Flaxseed.....	4,117,049		
Rye.....	9,630,032	80,000	
Screenings.....	3,299,262		
Mixed Grain.....	248,426		
Sample Grain.....	1,754		
Corn.....	6,153	107	
Buckwheat.....	1,746		

OUTWARD CARS INSPECTED CROP YEAR AUGUST 1, 1949 TO JULY 31, 1950, EX-PUBLIC, SEMI-PUBLIC
AND PRIVATE ELEVATORS

—	Winnipeg	Calgary	Edmonton	Moose Jaw	Saskatoon	Lethbridge	Vancouver	Fort William and Port Arthur	Churchill
Wheat.....	276	184	83	64	18	1	1,784	2,699	.....
Oats.....	1,150	59	228	161	8	.....	837	10,561	8
Barley.....	629	233	27	4	8	.....	260	4,116	.....
Flax.....	5	.....	.....	.....	6	.....	.....	489	.....
Rye.....	9	2	1	1	11	.....	5	197	.....
Mixed Grain.....	106	165	1	55	5	.....	9	301	.....
Corn.....	139	.....	.....	3	.....	.....	.....	4	.....
Screenings.....	395	310	2	181	312	.....	1,558	4,406	90
Oats Groats.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Corn (U.S.A.).....	.....	.....	.....	.....	.....	.....	.....	76	.....
	2,709	953	342	499	368	1	4,453	22,870	98

EASTERN DIVISION

SUMMARIZED STATEMENT AUGUST 1, 1949 TO JULY 31, 1950

TOTAL INSPECTIONS

Carloads—

Grain grown in the Eastern Division:

Cars

At Montreal.....	317
At Toronto.....	2,119
At Chatham.....	7,071

9,507 cars

Cargoes—

Grain grown in the Eastern Division:

Bushels

At Montreal.....	593,503
At Toronto.....	390,938
At Chatham.....	593,244

1,577,685 bus.

Cargoes—

Grain grown in United States

Bushels

At Montreal.....	903,171
------------------	---------

903,171 bus.

Cargoes—

Grain grown in the Western Division:

Bushels

At Montreal.....	92,875
------------------	--------

92,875 bus.

2,573,731 bus.

GRAIN SAMPLED BUT NOT INSPECTED (FEES) AUGUST 1, 1949 TO JULY 31, 1950

	Montreal	Toronto	Chatham
<i>Carloads—</i>			
Western Grain.....	95	1	.....
Eastern Grain.....	8	.....	155
United States Grain.....	35	.....	.....
Total.....	138	1	155

Cargoes—

Bushels

Western Grain.....	529,582
Eastern Grain.....	274,301
United States Grain.....	6,110,732
Argentina Grain.....	533,440

7,448,055 bus.

GRAIN SAMPLED BUT NOT INSPECTED (NO FEES) AUGUST 1, 1949 TO JULY 31, 1950

Cargoes—

Bushels

Western Grain (Export).....	101,794,834
Western Grain (Export in bags).....	674,596
Western Grain (Inward).....	55,042,182

157,511,612 bus.

Mixed Grain and Screenings.....

629,725 lbs.

Cargoes—

Bushels

Eastern Grain (Export).....	335,524
Eastern Grain (Export in bags).....	113,532
Eastern Grain (Inwards).....	80,452

529,508

United States Grain (Export).....

United States Grain (Export, in bags).....

United States Grain (Inward).....

19,230,600

Mixed Grain.....

Argentina Grain (Export).....

8,405 lbs.

137,072 bus.

Total.....

177,408,792 bus.

638,130 lbs.

SUMMARIZED STATEMENT, AUGUST 1, 1949 to JULY 31, 1950

RECAPITULATION BY POINTS

	Bushels	Bushels
<i>At Montreal—</i>		
Export.....	76,284,220	
Export (in bags).....	408,173	
Inwards.....	64,829,221	141,521,614
Mixed Grain.....		73,800 lbs
<i>At Sorel—</i>		
Export.....	6,085,281	6,085,281
<i>At Three Rivers—</i>		
Export.....	7,330,306	7,330,306
<i>At Quebec—</i>		
Export.....	4,554,852	
Export (in bags).....	4,867	4,559,719
<i>At Halifax—</i>		
Export.....	6,253,098	6,253,098
<i>At West St. John—</i>		
Export.....	11,275,860	
Export (in bags).....	382,914	11,658,774
Screenings.....		564,330 lbs
Total Bushels.....		177,408,792
Total Pounds.....		638,130

GRADES OF CARLOADS INSPECTED

	Montreal	Toronto	Chatham	Total
<i>Wheat—</i>				
1 C.E. Red Winter.....			9	
2 C.E. Red Winter.....			3	
1 C.E. White Winter.....	13	60	28	101
2 C.E. White Winter.....	16	304	26	346
3 C.E. White Winter.....	3	2	1	6
1 C.E. Mixed Winter.....	10	80	195	285
2 C.E. Mixed Winter.....	25	425	379	829
3 C.E. Mixed Winter.....	5	5	26	36
4 C.E. Mixed Winter.....		2	2	4
Tough.....	22	244	684	950
Damp.....		2	4	6
Smutty.....	8	60	21	89
Sample.....	3	22	2	27
<i>Oats—</i>				
2 C.E. White.....			3	3
3 C.E.....		1	5	6
Mixed Feed Oats.....	20	68		88
<i>Barley—</i>				
2 C.E. Six-Row.....			2	2
3 C.E. Six-Row.....		11	25	36
4 C.E.....		3	2	5
1 Feed.....	32			32
2 Feed.....	36	9		45
3 Feed.....	41	224		265
Tough.....	1	3	15	19
Sample.....		2	1	3
<i>Rye—</i>				
2 C.E.....		8	43	51
3 C.E.....			7	7
4 C.E.....			2	2
Tough.....		5	51	56

GRADES OF CARLOADS INSPECTED—*Concluded*

	Montreal	Toronto	Chatham	Total
<i>Mixed Grain—</i>				
3 C.E.		1		1
3 C.W.		1		1
<i>Buckwheat—</i>				
1 C.E.	1			1
2 C.E.	12	2	1	15
2 C.E. Moist and Heating.	1			1
Tough.	3	2	4	9
Damp.	1	6	13	20
Sample.		2		2
<i>Corn—</i>				
Extra Dry 1 C.E. Yellow.	2		368	370
1 C.E. Yellow.	26	2	804	832
Extra Dry 2 C.E. Yellow.	1	1	109	111
2 C.E. Yellow.	13	17	206	236
Extra Dry 3 C.E. Yellow.			46	46
3 C.E. Yellow.		11	75	86
Extra Dry 4 C.E. Yellow.	1	1	1	3
4 C.E. Yellow.	1		6	7
5 C.E. Yellow.	1		4	5
1 C.E. Yellow Flint and Dent.			1	1
2 C.E. Yellow Flint and Dent.			1	1
Extra Dry 1 C.E. White.			33	33
1 C.E. White.			20	20
Extra Dry 2 C.E. White.			32	32
2 C.E. White.			16	16
Extra Dry 3 C.E. White.			11	11
3 C.E. White.			4	4
Extra Dry 4 C.E. White.			1	1
4 C.E. White.			1	1
Extra Dry 1 C.E. Mixed.			1	1
1 C.E. Mixed.			3	3
Extra Dry 2 C.E. Mixed.			2	2
4 C.E. Mixed.			1	1
Tough.		1	224	225
Damp.	1	7	1,342	1,350
Moist.		9	786	795
Wet.		1	9	10
Sample.	5		3	8
<i>Beans—</i>				
1 C.E. Pea Beans.			63	63
2 C.E. Pea Beans.	2		140	142
3 C.E. Pea Beans.	1	1	50	52
4 C.E. Pea Beans.			20	20
4 C.E. Cranberry.			1	1
2 C.E. Yelloweyes.			4	4
3 C.E. Yelloweyes.			4	4
4 C.E. Yelloweyes.			3	3
2 C.E. Light Red Kidney.			4	4
Tough.	2		309	311
Damp.	1		11	12
Sample.	1			1
<i>Soybeans—</i>				
1 Can. Yellow.		360	467	827
2 Can. Yellow.		26	47	73
3 Can. Yellow.		2	6	8
Tough.		115	272	387
Damp.		2	3	5
Moist.			1	1
Sample.				
<i>Peas—</i>				
1 C.E. White.			1	1
<i>Flax—</i>				
1 C.E.		5		5
2 C.E.		1	1	2
3 C.E.		2		3
Tough.	5	1		6
Totals.	317	2,119	7,071	9,507

APPENDIX No. 6

FORT WILLIAM, ONTARIO,
December 7, 1950.

A. T. CALDER, Esquire,
Secretary,
Board of Grain Commissioners,
Winnipeg, Manitoba.

DEAR SIR,—I have the honour to submit herewith the following report of the Grain Weighing Branch of the Board for the crop year 1949-50.

WEIGHING SERVICES

This branch supplied weighing services at all Public Terminal, Semi-Public Terminal and Private Terminal Elevators licensed by the Board in the Western Division for the purpose of weighing all grain received into and shipped out of these elevators, as required under Section 91 and 123 of the Act. Weighing services were also supplied when required at Mill Elevators licensed by the Board. In the Eastern Division weighing services are available, for weighing domestic shipments, at elevators licensed by the Board as Eastern Elevators at the following points on a fees basis: Port McNicoll, Midland, Owen Sound, Goderich, Toronto, Sarnia and Montreal.

MAINTENANCE OF EQUIPMENT

All equipment used for weighing, receiving, shipping and transferring grain in licensed terminal elevators has been maintained in good condition and has been regularly inspected by officers of this Branch during the year. Particular attention has been given to the inspection of the dust-control systems that have been and are being installed in Terminal and Eastern Elevators to see that they are functioning in a proper manner and not affecting the proper weighing of grain received into and shipped out of these elevators.

INSPECTION OF SCALES

Under my authority as Inspector of Weights and Measures for Terminal elevator scales and with the help of my assistant, the annual inspection of scales in the following elevators in the Western Division has been carried out in accordance with the Weights and Measures Act and regulations respecting Weights and Measures, P.C. 3459, dated August 19, 1948 and for which certificates of verification were issued; all scales in elevators licensed by the Board at Port Arthur and Fort William; Canadian Government Interior Elevators; National Harbours Board Elevator, Port Churchill and those elevators loading to the water at Pacific Coast.

Semi-annual inspection of as many of the above scales as possible was made to ensure their continued accuracy, also special inspections when considered necessary.

The annual inspection of scales in elevators licensed as Eastern Elevators in the Eastern Division were inspected, in accordance with the Act, and located at the following points: Port McNicoll, Midland, Collingwood, Owen Sound, Goderich, Sarnia, Walkerville, Toronto, Kingston, Prescott, Montreal, St. John's, Three Rivers, Quebec, Halifax, Saint John and West Saint John.

Due to the number of complaints received on outturns of cargoes, several special inspections were made on some of the above scales and in some cases settlement of complaint arranged.

CAR SHORTAGES

Very few complaints were received on the outturns of cars unloaded at Terminal elevators during the crop year. Complaints received were investigated and where the investigation warranted it, adjustments were made or recommended.

VESSEL SHIPMENTS

During the crop year there were loaded at the Lakehead 1,226 cargoes; at Vancouver, 291 cargoes and at Churchill, 16 cargoes. There is enclosed statement showing the average reported shortage of pounds per thousand bushels on the various grain shipments loaded into vessels at Fort William and Port Arthur during the crop year, 1949-50 and unloaded at Canadian and American Ports, and you will note therefrom that the grand totals for the crop year showing the reported loss of pounds per thousand bushels are not very satisfactory. However, acting on the Board's instructions, special weighing crews proceeded to some Eastern ports shortly after the opening of navigation in 1950 and under the supervision of the Assistant Chief Weighmaster checked several cargoes being weighed into certain Eastern Elevators with satisfactory results. At two of the elevators visited, mechanical defects in the unloading equipment were discovered and repairs made before further cargoes were weighed into these two elevators.

The following is statement showing the quantities of various grains loaded into vessels at Port Arthur and Fort William from the opening of navigation to July 30, 1949 and from the opening of navigation to July 31, 1950 showing the reported loss in pounds per 1,000 bushels, and it will be noted that the loss per 1,000 bushels for all grains in the period under review was less in 1950 than in 1949.

	1949	
	Total Bills-of-Lading	Shortage of lbs. per 1,000 Bus.
Wheat.....	60,756,332-00	44.13
Durum Wheat.....	5,451,820-20	80.05
Oats.....	9,744,671-05	30.45
Barley.....	10,783,003-36	52.04
Rye.....	5,280,002-43	76.75
Flaxseed.....	4,258,257-53	43.29
	1950	
	Total Bills-of-Lading	Shortage of lbs. per 1,000 Bus.
Wheat.....	66,785,582-10	35.33
Durum Wheat.....	3,119,839-20	13.77
Oats.....	8,122,091-01	26.11
Barley.....	10,147,633-05	43.49
Rye.....	2,772,374-04	58.16
Flaxseed.....	438,377-25	19.47

Complaints received on the outturns of some cargoes shipped from Port Arthur and Fort William were thoroughly investigated at the loading and unloading ports (when unloaded at Canadian Ports) and reports covering the investigation forwarded to the Board with recommendations where it was proven that mishap had occurred in handling the shipment, and recovery was made on several complaints.

Complaints received on the outturns of some overseas shipments were as follows: Lower St. Lawrence Ports, 8; Atlantic Ports, 2; Churchill, 1 and Vancouver, 1. Loading of these cargoes were investigated and reports submitted to the Board. In view of the time it takes to complete these investigations, some complaints are still outstanding.

ANNUAL AUDITS

The annual audits of grain in store in licensed elevators in the Eastern and Western Divisions were carried out as required under the Act. In the Western Division all grain in store in Public Terminal and Semi-Public Terminal Elevators was weighed over and in Private Terminal elevators, the first four grades of Wheat and the grades of No. 1 and No. 2 Canada Western Garb Wheat, as specified in Schedule I of the Act, were weighed over. Total quantities weighed over in the above elevators were 19,824,257 bushels. In the Eastern Division all grain in store in elevators licensed as Eastern Elevators was weighed over as required under the Act. Total quantities of all grain weighed over were 31,928,032 bushels.

Statements of the correct quantities of the various grades in store in each of the above elevators weighed over were prepared by this Branch and forwarded to the Board to permit of the adjustments of outstanding warehouse receipts of Public and Semi-Public Terminal Elevators; and the establishment of overages in Terminal Elevators and Eastern Elevators; in accordance with the provisions of Section 138 and 138A of the Canada Grain Act.

STAFF

It is with regret that we record the death of Mr. C. Lea, Grain Weighmaster, Fort William on September 16, 1950 and Mr. C. M. Duffus, Grain Weighmaster, Saskatoon on October 9, 1950. Mr. Lea and Mr. Duffus were most competent and efficient officers of this Branch.

The following employees of this Branch retired on the dates effective below:

F. G. Stevens	Weighmaster, Winnipeg	Sept. 1/49,	37 years service
W. T. Gough	Weighman	Fort William	July 8/50, 33 years service
E. M. Hueston	Weighman	Fort William	May 31/50, 35 years service
H. C. McKeown	Weighman	Fort William	Sept. 2/49, 29 years service
R. A. Field	Weighman	Keewatin	May 1/49, 29 years service

Respectfully submitted,

S. M. CAPON,
Chief Weighmaster

GROSS HANDLINGS OF ALL GRAINS, WEST OF FORT WILLIAM-PORT ARTHUR,
DURING CROP YEAR 1949-1950

RECEIPTS

Point	Wheat	Oats	Barley	Rye	Flaxseed	Canadian Corn	U.S.A. Wheat	U.S.A. Corn	Canadian Miscellaneous
	bus.	bus.	bus.	bus.	bus.	bus.	bus.	bus.	lbs.
Vancouver and New Westminster.....	74,218,803	1,771,481	1,019,476	62,977	77			1,623,663 900,395	6,949,890
Victoria.....									334,390
Prince Rupert.....									117,430
Churchill.....	6,952,235	740						6,004	3,370
Calgary.....	374,851	82,884	1,940,579	78,516					11,330
Edmonton.....	136,945	270,377	18,903	1,762		1,498			12,556,710
Lethbridge.....	13,408		512		539		2,146		
Moose Jaw.....	27,622	4,651	703	2,081		12,591			
Saskatoon.....	3,081	1,935							18,110,281
North Transcona.....	189,845	53,534	20,538	8,731	232				
	81,916,790	2,185,602	3,000,711	154,067	848	14,089	2,146	2,530,062	37,749,011

SHIPMENTS

Vancouver and New Westminster.....	64,970,163	2,706,122	946,292	86,911					117,187,630
Victoria.....									7,042,234
Prince Rupert.....									334,390
Churchill.....	5,527,535	9,417						20,814	665,435
Calgary.....	383,157	79,942	2,074,125	53,834				14	46,100
Edmonton.....	171,686	256,945	17,375	1,678		4,928			16,071,460
Lethbridge.....	13,776	108	415		489		2,146		53,360
Moose Jaw.....	27,323	4,661	713	2,081		9,084			2,863,220
Saskatoon.....	3,258	1,934			11,437				
North Transcona.....	189,845	56,999	19,955	8,731	232				
	71,286,743	3,116,128	3,058,875	153,235	12,158	14,012	2,146	20,828	144,263,829

Following are the quantities of the various grains which were weighed into and out of elevators at the following points in the Western Division during the crop year ending July 31, 1950

FORT WILLIAM-PORT ARTHUR

RECEIPTS

Grain	Receipts from West	Transfer Receipts		Total
		Rail	Vessel	
	Gross Bus.	Gross Bus.	Gross Bus.	Gross Bus.
Wheat.....	187,687,103	267,789	25,848	187,980,740
Oats.....	62,976,056	681,847	60,927	63,718,830
Barley.....	41,987,706	580,543	64,791	42,633,040
Rye.....	9,520,726	276,688		9,797,414
Flaxseed.....	1,573,175	578,765	13,839	2,165,779
Canadian Western Corn.....	7,797			7,797
Canadian Western Buckwheat.....	8,484			8,484
U.S.A. Corn.....	107,645	80,752		188,397
Fixed Grain ¹	739,675	140,180	8,569	888,424
All Screenings ²	733,069	692,859		1,425,928
Grand Total.....				308,814,833

¹Mixed Grain in Bushels of 50 lbs.²Screenings in Bushels of 48 lbs.

SHIPMENTS

Grain	Vessel	Rail	Transfer Shipments		Total
			Rail	Vessel	
	Gross Bus.	Gross Bus.	Gross Bus.	Gross Bus.	Gross Bus.
Wheat.....	165,293,261	4,461,134	278,473	25,848	170,058,716
Oats.....	40,961,774	21,993,175	667,265	60,927	63,683,141
Barley.....	33,646,421	7,802,239	590,890	28,711	42,068,261
Rye.....	9,623,896	103,304	278,336		10,005,536
Flaxseed.....	4,261,172	268,955	546,876	13,839	5,090,842
Canadian Western Corn.....	6,141				6,141
Canadian Western Buckwheat.....	1,746				1,746
U.S.A. Corn.....	100,927	465,065	80,929		181,856
Fixed Grain.....	234,362	3,475	147,987	8,569	855,983
Fixed Feed Oats Groats ³					3,475
All Screenings.....	3,950,677	6,811,914	710,861		11,473,452
Grand Total.....					303,429,149

³Mixed Feed Oats Groats in Bushels of 36 lbs.

TOTAL CARS WEIGHED AT INTERIOR POINTS OTHER THAN GOVERNMENT
ELEVATORS, CROP YEAR 1949-1950

Keewatin.....	4,605
Winnipeg.....	10,861
Saskatoon.....	6,002
Moose Jaw.....	4,969
Calgary.....	8,624
Edmonton.....	1,307
Medicine Hat.....	3,852
Lethbridge.....	164
Churchill.....	3,981
Total.....	<u>44,365</u>

REPORT OF CARS ARRIVING AT DESTINATION, LEAKING, NOT PROTECTED BY
SEALS, AND WITH DEFECTIVE SEALS, CROP YEAR 1949-1950

CANADIAN PACIFIC RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	15,909	1,201	28
Elevators, excluding Lakehead.....	6,652	862	41
Total.....	22,561	2,063	70

CANADIAN NATIONAL RAILWAY

	Leaking Cars	Missing Seals	Defective Seals
Lakehead Elevators.....	13,272	661	11
Elevators, excluding Lakehead.....	2,957	331	11
Total.....	16,229	992	30
Total both roads.....	38,790	3,055	1,000
U.S.A. Corn moved to Vancouver Via Great Northern in foreign cars.....	191		

CARS REPORTED LEAKING AND WITH MISSING AND DEFECTIVE SEALS IN
WINNIPEG RAILWAY YARDS

	Leaking Cars	Missing and Defective Seals
C.P.R. Yards.....	4,262	1,000
C.N.R. Yards.....	1,577	600
Total.....	5,839	1,600

REPORT OF THE AVERAGE REPORTED SHORTAGES OF POUNDS PER 1,000 BUSHELS
ON THE VARIOUS GRAINS LOADED AT FORT WILLIAM AND PORT ARTHUR
AND UNLOADED CANADIAN AND AMERICAN PORTS

CANADIAN PORTS

Grain	Bushels	Pounds per 1,000 Bushels
Wheat.....	142,903,947-50	Short 42.09
Durum Wheat.....	9,560,021-30	Short 38.84
Oats.....	31,221,517-30	Short 23.56
Barley.....	17,600,957-21	Short 32.51
Rye.....	77,413-02	Short 119.02
Flaxseed.....	4,262,163-50	Short 34.49
Mixed Grain.....	7,578,240 lbs.	Short 1.137 lbs. per 1,000 lbs.
Sample Grain.....	29,974,789 lbs.	Short 0.695 lbs. per 1,000 lbs.
Screenings.....	11,537-1670	Short 3.159 lbs. per ton

AMERICAN PORTS

Grain	Bushels	Pounds per 1,000 Bushels
Wheat.....	12,295,631-00	Short 51.44
Oats.....	9,982,505-07	Short 33.04
Barley.....	16,195,221-09	Short 68.87
Rye.....	9,609,831-54	Short 76.45
Screenings.....	83,217-1840	Short 0.182 lbs. per ton

GRAND TOTALS—GRAIN SHIPPED

Grain	Bushels	Pounds per 1,000 Bushels
Wheat.....	155,398,702-40	Short 42.83
Durum Wheat.....	9,560,021-30	Short 38.84
Oats.....	41,204,023-03	Short 25.86
Barley.....	33,796,178-30	Short 49.93
Rye.....	9,687,245-00	Short 76.79
Flaxseed.....	4,280,260-18	Short 34.49
Mixed Grain.....	7,578,240 lbs.	Short 1.137 lbs. per 1,000 lbs.
Sample Grain.....	29,974,789 lbs.	Short 0.695 lbs. per 1,000 lbs.
Screenings.....	94,755-1510	Short 0.544 lbs. per ton

SHIPMENTS—EUROPE DIRECT

Grain	Bushels
Wheat.....	199,123-50 (No reports of out-
Flaxseed.....	18,096-24 turns received. These
	figures not included in
	Bills of Lading totals
	used in calculating
	average shortage per
	1,000 bushels.)

REPORT OF TOTAL NUMBER OF CARS OF GRAIN WEIGHED AT ALL POINTS, AND
ALSO THE PERCENTAGE OF SUCH CARS FOUND TO BE LEAKING OR
WITH DEFECTIVE SEALS, CROP YEAR 1949-1950

Total number of Cars Weighed.....	285,394
Total Number of Cars Leaking.....	38,790
Percentage of Cars Leaking.....	13.599
Total Number of Cars with Missing and Defective Seals.....	4,115
Percentage of Cars with Missing and Defective Seals.....	1.442

APPENDIX No. 7

FORT WILLIAM, ONT.,
November 16, 1950

The Board of Grain Commissioners,
WINNIPEG, MANITOBA.

SIRS,—I beg to submit the following report of the operations of the Canadian Government Elevators for the crop year 1949-50.

ELEVATORS OPERATED

The interior terminal elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge were operated during the year as public terminal elevators. The elevator at Prince Rupert was licensed as a public terminal but no grain was received into or shipped from the elevator during the year.

ELEVATOR LEASED

Under the terms of the lease covering the five year period ended July 31, 1949, a renewal agreement under the same terms and conditions, except as to renewal, was entered into with McCabe Grain Company Limited covering the operation of the elevator at Port Arthur for a term of five years from August 1, 1949.

TARIFF OF CHARGES

Except for one or two minor changes, the tariff of charges remained substantially the same as that in effect the previous year. The free storage period was reduced from fifteen days to ten days.

VOLUME OF GRAIN HANDLED

The total amount of grain received into the elevators, 3,021,205 bushels was 10,604 bushels less than the previous year, decreases at Moose Jaw, Saskatoon, Edmonton and Lethbridge being practically offset by an increase of a quarter of a million bushels at Calgary.

The amounts received at each elevator in the last two crop years are shown in the following statement:

Elevator	1948-49	1949-50	Decrease	Increase
	Bus.	Bus.	Bus.	Bus.
Moose Jaw.....	106,914	47,441	59,473	
Saskatoon.....	165,468	54,190	111,278	
Calgary.....	2,227,743	2,480,118		252,375
Edmonton.....	458,078	423,129	34,949	
Lethbridge.....	73,606	16,327	57,279	
Prince Rupert.....	Nil	Nil	Nil	
	3,031,809	3,021,205	10,604	

Shipments of grain from all elevators during the year amounted to 3,156,031 bushels and grain in store at July 31, 1950, was 193,545 bushels.

In addition to the amounts referred to above there was received into the Moose Jaw elevator 12,525,340 pounds of Rapeseed and 14,901,755 pounds was shipped. The amount in store at the end of the crop year was 685,015 pounds.

Present indications are that the volume of wheat moving into the interior terminal elevators during the crop year 1950-51 will be substantially greater than in the past few years.

MAINTENANCE OF BUILDINGS AND EQUIPMENT

The buildings, equipment and trackage at all points have been maintained in good condition.

The installation of dust control equipment in the Calgary elevator is practically completed. Work is proceeding with the installation of fire doors between the workhouse and storage annex.

Extensive replacement of firebreak walls and bracing under the dock at Prince Rupert is now underway and should be completed before the end of the year.

A new passenger elevator is being installed at the Edmonton elevator and negotiations are underway for a similar installation at Port Arthur.

STAFF

Staffs at all points have been maintained at the minimum of requirements for efficient operation of the plants.

Mr. T. W. McCann, Superintendent of the Moose Jaw elevator since 1938, retired after more than 34 years meritorious service.

Seven other employees were retired on superannuation after varying periods of service, the resulting vacancies being filled by promotion.

FINANCIAL RESULTS OF OPERATIONS

During the fiscal year ended March 31, 1950, earnings from all sources totalled \$282,615.92, a decrease of \$67,144.15 compared with the previous year. All regular sources of earnings from operations showed decreases but revenue from rental of Port Arthur elevator was \$19,561.64 higher.

Operating expenditures totalled \$501,115.35, a reduction of \$71,209.83 from the previous year.

The net result of operations was a deficit of \$218,499.33, a decrease of \$4,065.78 from the deficit of the previous year.

As in former years no provision was made in the financial statements to cover depreciation of plants and equipment, expenditures for maintenance of which are included in operating costs.

Respectfully submitted,

R. HETHERINGTON,

General Manager.

APPENDIX No. 8

REPORT OF THE CHIEF CHEMIST

WINNIPEG, MAN.,

December 1, 1950.

Board of Grain Commissioners,
WINNIPEG, MANITOBA.

SIRS,—I have the honour to submit the following report on the Grain Research Laboratory for the year 1950.

The catastrophic frost in August did great damage to the quality of Canadian cereal crops. About half the wheat crop was frozen when it was still immature, and samples of No. 5 Wheat, and especially of No. 6 and Feed Wheat, therefore contain immature and green as well as frosted kernels. This type of wheat gives reduced yields of flour of lower baking quality. Severe frost has a similar effect on the milling and macaroni making qualities of durum wheat. In malting barley, frost may kill the germ and prevent germination with serious effects on malting quality.

In co-operation with the Inspection Branch, the Laboratory surveyed the milling and baking qualities of low grades of wheat for the meeting of the Committee on Western Grain Standards held on September 28. As the crop was late and the meeting early, it was necessary to organize and carry through a large amount of additional work for this meeting; much overtime was required. Following the meeting, a press report was released that dealt in simple language with the Laboratory's finding on the quality of wheat degraded for frost damage. Presentation of the facts in this report served to dispel a certain uneasiness with regard to the grading system that had arisen in the minds of some farmers in districts where severe frosts are infrequent.

Preparations for the second meeting of the Committee, held on October 24 to deal with remaining grades, presented no abnormal difficulties. Protein maps and crop bulletins were prepared, printed, and distributed, as usual. The crop bulletin on wheat quality was in great demand. Although the first printing was larger than formerly, a second printing had to be made within a few days, and even this proved inadequate to meet all requests for additional copies.

The Commissioners and the Chief Chemist have spoken at a number of farmers' meetings throughout the West. Loaves and flour slicks were prepared by the Laboratory and exhibited at most of these meetings. These demonstrations have proved most effective in explaining to farmers the effects of frost on the milling and baking qualities of wheat.

As the fall of 1950 was one of the wettest on record, enormous quantities of tough and damp grain are being dried in terminal elevators. As a result, the Laboratory has had to keep a miller and a technician in the baking laboratory working full time on testing the quality of dried grains. This assistance has been invaluable to the Chief Inspector in maintaining efficient supervision of terminal drying operations.

Perennial investigations of crop quality, of the quality of grain marketed through various channels, and of the comparative merits of new varieties have been continued. Further studies of electrical moisture meters, particularly of the Canadian instrument manufactured by the Halross Instrument Corporation Ltd., were undertaken during the year, and another comparative study of this and other new meters is in progress. An investigation has been made of the

reliability of automatic samplers used in terminal elevators. Comparisons were undertaken of the milling and baking qualities of strong Australian varieties of bread wheat with those of Canadian varieties, when grown in Canada under comparable conditions. Compilation of data and preparation of reports on some of these projects has been delayed by press of other work.

Steady progress has been made with the program of basic research. Major projects include studies of: rates of relaxation of stress in dough; mechanism of improver action in dough; carbon dioxide diffusion through dough; carbohydrate-protein interactions in flour and dough; kinetics of pigment destructions, and other factors affecting macaroni making quality of durum wheats; the non-starch carbohydrates of malt, of the enzymes that attack them, and of their relation to wort viscosity; and chemical studies of "glutens" prepared from wheat, rye, and barley.

Last spring, at the request of the Board, the National Research Council appointed a committee to review the activities of the Research Laboratory. Members of the committee were: Dr. W. H. Cook, Director, Division of Applied Biology, National Research Council; Dr. R. K. Larmour, Director of Research, Maple Leaf Milling Co. Ltd.; Dr. K. W. Neatby, Director, Science Service, Department of Agriculture; Dr. E. Y. Spencer, Professor of Cereal Chemistry, University of Saskatchewan; and Dr. W. P. Thompson, President of the University of Saskatchewan. The committee's report contains a number of recommendations which, if implemented, will make a substantial improvement in laboratory facilities.

The writer visited the United Kingdom during July and August to keep contact with research institutions and to study changes in milling and baking industries. The increasing dependence of both industries on research and scientific control of operations is strikingly apparent.

A number of staff changes occurred during the year. Dr. A. E. Paull resigned in June to take a position with the Abitibi Power and Paper Company in Toronto. Messrs. Dempster and Bass were given leave of absence in October to continue post-graduate studies at McGill University and the University of Toronto; Mr. Templin joined the professional staff as a temporary replacement. Among the sub-professional staff, Messrs. Johannes and Hill, and Mrs. Dalik resigned. Messrs. Stitt and Omichinski and Miss Mackie were appointed as replacements. It is a pleasure to report that Mr. H. P. Schreiber received the degree of M.Sc. from the University of Manitoba last spring for research done in the Laboratory under the direction of Dr. I. Hlynka of our staff and of Dr. A. D. Robinson of the University.

A detailed report of the work of the Grain Research Laboratory has been prepared. In accordance with past practice, it is recommended that this report be published in full to put on record data on the quality of the more important Canadian grain crops and progress reports on laboratory investigations.

Respectfully submitted,

J. ANSEL ANDERSON,
Chief Chemist.

APPENDIX No. 9

STATEMENT OF REVENUE AND EXPENDITURE FOR
FISCAL YEAR ENDING MARCH 31, 1950

(a) WINNIPEG—

Revenue

Executive Offices—

Fines.....	445 00	
Previous Year's Expend.....	7 18	452 18
License and Bonding Fees.....	28,075 00	
Less Fees Refunded.....	79 00	27,996 00
Registration Fees.....	12,423 00	
Cancellation Fees.....	12,311 93	24,734 93

Grain Research Laboratory—

Previous year's Expend.....		2 58
Appeal Fees.....	699 00	
Less Fees Refunded.....	42 00	657 00
Inspection Fees.....	310,533 01	
Overtime.....	586 25	
Splits—Cargo.....	321 10	
Samples Sold.....	12,409 30	
Sampling Fees.....	5,614 00	
Express Charges.....	2,188 70	
Previous Year's Expend.....	4 27	331,656 63
Weighing Fees.....	18,087 77	
Overtime.....	131 20	
Condition Reports.....	233 25	18,452 22

403,951 54

*Expenditure—**Board and Executive Offices*

Salaries—

Commission and Secretary.....	34,133 26	
Secretary's Office.....	22,442 67	
Rent.....	5,550 30	
Travelling Expenses.....	2,857 02	
General Expenses.....	4,749 92	
Printing and Stationery.....	5,038 59	74,771 76

License and Bonding

Salaries.....	16,102 84	
Rent.....	1,450 00	
General Expenses.....	680 99	
Printing and Stationery.....	3,731 85	21,965 68

Grain and Research Laboratory

Salaries.....	91,457 45	
Rent.....	12,639 70	
Travelling Expenses.....	1,688 02	
General Expenses.....	16,905 49	
Printing and Stationery.....	2,433 59	125,124 25

Registration

Salaries.....	19,590 74	
Rent.....	1,785 60	
General Expenses.....	1,017 79	
Printing and Stationery.....	81 91	22,476 04

Accounts

Salaries.....	11,713 76	
General Expenses.....	253 08	
Printing and Stationery.....	780 35	12,747 19

Inspection Branch

Salaries.....	384,589 36	
Rent.....	20,392 00	
Travelling Expenses.....	1,411 79	
General Expenses.....	16,246 15	
Printing and Stationery.....	5,144 72	427,784 02

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1950—Continued

(a) WINNIPEG—Concluded

Expenditure—Con.

Weighing Branch

Salaries.....	38,631 02
Rent.....	1,674 00
General Expenses.....	545 97
Printing and Stationery.....	110 31

40,961 30

Grain Appeal Tribunal

Salaries.....	4,859 36
Rent.....	471 20
General Expenses.....	565 00

5,895 56

Grain Standard Committee

Travelling Expenses.....	1,925 80
General Expenses.....	1,700 00

3,625 80

735,351 60

(b) CHURCHILL—

Revenue

Inspection Fees.....	16,941 07
Overtime.....	179 10

17,120 17

Weighing Fees.....	8,789 54
Overtime.....	176 45

8,965 99

26,086 16

Expenditure

Inspection Branch

Salaries.....	6,375 41
Travelling Expenses.....	2,747 35
General Expenses.....	118 25

9,241 01

Weighing Branch

Salaries.....	3,885 36
Travelling Expenses.....	1,997 20
General Expenses.....	16 35

5,898 91

15,139 92

(c) KEEWATIN—

Revenue

Inspection Fees.....	4,560 00
Weighing Fees.....	5,052 36

9,612 36

Expenditure

Salaries—Inspection Branch.....	4,560 00
Salaries—Weighing Branch.....	5,005 64
General Expenses—Weighing Branch.....	46 72

5,052 36

9,612 36

(d) SASKATOON

Revenue

Inspection Fees.....	10,890 13
Overtime.....	47 65
Samples Sold.....	596 84

11,534 62

Weighing Fees.....	8,888 34
Overtime.....	92 80

8,981 14

20,515 76

Expenditure

Assistant Commissioner's Office

Salaries.....	9,780 00
Travelling Expenses.....	1,685 39
General Expenses.....	126 87
Printing and Stationery.....	96 14

11,688 40

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1950—Continued

(d) SASKATOON—Concluded

*Expenditure—Con.**Inspection Branch*

Salaries.....	21,927 90	
Rent.....	877 00	
General Expenses.....	799 43	
Printing and Stationery.....	308 19	
	<hr/>	23,912 52

Weighing Branch

Salaries.....	16,233 10	
General Expenses.....	8 00	
	<hr/>	16,241 10
		<hr/>
		51,842 02

(e) MOOSE JAW

Revenue

Inspection Fees.....	9,479 32	
Overtime.....	193 40	
Samples Sold.....	511 70	
Sampling Fees.....	9 00	
	<hr/>	10,193 42
Weighing Fees.....	5,723 05	
Overtime.....	432 40	
	<hr/>	6,155 45
		<hr/>
		16,348 87

*Expenditure**Inspection Branch*

Salaries.....	18,483 53	
Rent.....	1,125 00	
Travelling Expenses.....	741 51	
General Expenses.....	1,042 83	
Printing and Stationery.....	240 02	
	<hr/>	21,632 89

Weighing Branch

Salaries.....	11,303 50	
General Expenses.....	16 50	
	<hr/>	11,320 00
		<hr/>
		32,952 89

(f) MEDICINE HAT

*Revenue**Inspection Branch*

Inspection Fees.....	8,383 77	
Overtime.....	10 00	
Samples Sold.....	399 43	
	<hr/>	8,793 20

Weighing Branch

Weighing Fees.....	9,090 00	
Overtime.....	32 80	
Refund Prev. Year's Expend.....	100 00	
	<hr/>	9,222 80
		<hr/>
		18,016 00

*Expenditure**Inspection Branch*

Salaries.....	8,206 85	
Rent.....	540 00	
General Expenses.....	368 78	
Printing and Stationery.....	86 85	
	<hr/>	9,202 48

Weighing Branch

Salaries.....	9,120 75	
General Expenses.....	2 00	
	<hr/>	9,122 75
		<hr/>
		18,325 23

(g) LETHBRIDGE

Revenue

Inspection Fees.....	325 51	
Samples Sold.....	161 46	
	<hr/>	486 97
Weighing Fees.....		314 01
		<hr/>
		800 98

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1950—Continued

(g) LETHBRIDGE—Concluded

Expenditure

Inspection Branch

Salaries.....	4,942 45	
Travelling Expenses.....	490 71	
General Expenses.....	32 25	
		5,465 41

Weighing Branch

Salaries.....	3,060 00	
Travelling Expenses.....	127 85	
General Expenses.....	9 00	
		3,196 85

8,662 26

(h) CALGARY

Revenue

Inspection Fees.....	56,646 46	
Samples Sold.....	2,585 98	
Express Charges.....	470 50	
Refund Previous Year's Expend.....	84	
		59,703 78
Weighing Fees.....	12,646 00	
Overtime.....	1,247 20	
		13,893 20
Appeal Fees.....	1,821 00	
Less Fees Refunded.....	297 00	
		1,524 00
		75,120 98

Expenditure

Assistant Commissioner's Office

Salaries.....	9,780 00	
Rent.....	828 00	
Travelling Expenses.....	2,830 05	
General Expenses.....	334 30	
Printing and Stationery.....	35 39	
		13,807 74

Inspection Branch

Salaries.....	57,975 97	
Rent.....	3,000 00	
Travelling Expenses.....	465 70	
General Expenses.....	2,502 17	
Printing and Stationery.....	963 91	
		64,907 75

Weighing Branch

Salaries.....	29,006 60	
Rent.....	314 04	
General Expenses.....	237 12	
		29,557 76

Grain Appeal Board

Salaries.....	4,740 00	
Rent.....	420 00	
General Expenses.....	1,334 50	
Printing and Stationery.....	5 78	
		6,500 28
		114,773 53

(i) EDMONTON

Revenue

Inspection Fees.....	44,948 84	
Samples Sold.....	1,497 20	
Sampling Fees.....	2 00	
Express Charges.....	226 75	
		46,674 79
Weighing Fees.....	5,737 88	
Overtime.....	51 20	
		5,789 08
Appeal Fees.....	636 00	
Less Fees Refunded.....	111 00	
		525 00
		52,988 87

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1950—Continued

(i) EDMONTON—Concluded

*Expenditure**Inspection Branch*

Salaries.....	62,741 12	
Rent.....	4,510 00	
Travelling Expenses.....	1,485 98	
General Expenses.....	2,512 18	
Printing and Stationery.....	1,061 98	
		72,311 26

Weighing Branch

Salaries.....	13,729 80	
General Expenses.....	213 01	
		13,942 81

Grain Appeal Board

Salaries.....	5,496 00	
Rent.....	600 00	
General Expenses.....	526 40	
Printing and Stationery.....	1 18	
		6,623 58
		92,877 65

(j) VANCOUVER

Revenue

Inspection Fees.....	128,515 56	
Overtime.....	3,805 20	
Splits—Cargo.....	80	
Samples Sold.....	7,197 13	
Refund Previous Year's Expenditure.....	100 00	
		139,618 69
Weighing Fees.....	129,656 83	
Overtime.....	4,393 70	
		134,050 53
Registration Fees.....	3,230 16	
Cancellation Fees.....	3,139 82	
		6,369 98
		280,039 20

*Expenditure**Inspection Branch*

Salaries.....	105,461 06	
Rent.....	6,250 75	
Travelling Expenses.....	445 45	
General Expenses.....	3,209 12	
Printing and Stationery.....	793 08	
		116,159 46

Weighing Branch

Salaries.....	102,469 92	
Rent.....	2,407 00	
Travelling Expenses.....	442 60	
General Expenses.....	1,713 46	
Printing and Stationery.....	112 75	
		107,145 73

Registration Branch

Salaries.....	5,535 00	
Rent.....	1,609 75	
Travelling Expenses.....	173 40	
General Expenses.....	610 02	
Printing and Stationery.....	7 86	
		7,936 03
		231,241 22

(k) FORT WILLIAM

Revenue

Inspection Fees.....	478,878 62	
Overtime.....	12,313 40	
Samples Sold.....	15,437 93	
Jury Fees.....	364 59	
		506,994 54
Weighing Fees.....	468,592 16	
Overtime.....	8,896 80	
Jury Fees.....	42 00	
		477,530 96
		984,525 50

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1950—Continued

(k) FORT WILLIAM—Concluded

Expenditure

Assistant Commissioner's Office

Salaries.....	9,540 00	
Rent.....	624 00	
Travelling Expenses.....	295 05	
General Expenses.....	215 10	
	<hr/>	10,674 15

Inspection Branch

Salaries.....	461,651 91	
Rent.....	14,178 72	
Travelling Expenses.....	3,312 94	
General Expenses.....	10,287 87	
Printing and Stationery.....	7,025 63	
	<hr/>	496,457 07

Weighing Branch

Salaries.....	340,725 02	
Rent.....	2,833 22	
Travelling Expenses.....	15,545 50	
General Expenses.....	3,467 81	
Printing and Stationery.....	2,648 56	
	<hr/>	365,220 11

Statistical Branch

Salaries.....	54,111 13	
Rent.....	4,800 65	
Travelling Expenses.....	237 40	
General Expenses.....	2,669 54	
Printing and Stationery.....	3,580 18	
	<hr/>	65,398 90

937,750 23

(l) TORONTO

Revenue

Inspection Fees.....	4,776 00	
Overtime.....	18 75	
Splits—Cargo.....	1 90	
Samples Sold.....	64 80	
Sampling Fees.....	24 00	
	<hr/>	4,885 45

4,885 45

Expenditure

Inspection Branch

Salaries.....	6,378 00	
Rent.....	636 00	
General Expenses.....	282 54	
	<hr/>	7,296 54

7,296 54

(m) MONTREAL

Revenue

Inspection Fees.....	6,204 53	
Overtime.....	263 55	
Splits—Cargo.....	638 40	
Samples Sold.....	396 76	
Sampling Fees.....	4,419 86	
Refund Previous Year's Expend.....	1 57	
	<hr/>	11,924 67
Weighing Fees.....	48 00	
Overtime.....	33 05	
	<hr/>	81 05
Registration Fees.....	3,937 15	
Cancellation Fees.....	3,818 63	
	<hr/>	7,755 78

19,761 50

Expenditure

Inspection Branch

Salaries.....	52,391 47	
Rent.....	3,271 08	
Travelling Expenses.....	5,251 66	
General Expenses.....	900 68	
Printing and Stationery.....	845 13	
	<hr/>	62,660 02

STATEMENT OF REVENUE AND EXPENDITURE FOR FISCAL YEAR
ENDING MARCH 31, 1950—*Concluded*

(m) MONTREAL—*Concluded**Expenditure—Con.**Weighing Branch*

Salaries.....	3,032 50	
Rent.....	707 38	
Travelling Expenses.....	239 10	
General Expenses.....	130 50	
Printing and Stationery.....	234 53	
		4,344 01

Registration Branch

Salaries.....	7,670 00	
Rent.....	809 00	
Travelling Expenses.....	151 82	
General Expenses.....	186 26	
Printing and Stationery.....	60 79	
		8,877 87

75,881 90

(n) CHATHAM

Revenue

Inspection Fees.....	15,620 50	
Overtime.....	101 45	
Samples Sold.....	679 48	
Sampling Fees.....	22,169 29	
		38,570 72

38,570 72

*Expenditure**Inspection Branch*

Salaries.....	21,815 22	
Rent.....	828 00	
Travelling Expenses.....	14,940 54	
General Expenses.....	1,532 12	
Printing and Stationery.....	39 66	
		39,155 54

39,155 54

SUMMARY OF OPERATION BY BRANCHES

REVENUE

—	Inspection		Weighing		Appeal Boards		Registration		License and Bonding		Statistical		Accounting		Research Laboratory		Grain Standards		Administration		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Fees.....	1,096,703	32	672,625	94	2,706	00	38,860	69	27,996	00											1,838,891	95
Overtime.....	17,518	75	15,487	60																	33,006	35
Sampling.....	32,238	15																			32,238	15
Express Charges.....	2,885	95																			2,885	95
Cargo Splits.....	2,982	20																			2,982	20
Samples Sold.....	41,938	01																			41,938	01
Condition Reports.....			233	25																	233	25
Jury Fees.....	304	59	42	00																	406	59
Fines.....																					445	00
Previous Year's Expenditure.....	108	08	100	00											2	58					7	18
Total.....	1,192,717	65	688,488	73	2,706	00	38,860	69	27,996	00					2	58			452	18	1,951,223	89

EXPENDITURE

	Salaries		Rents		Travel		Expenses		Printing and Stationery		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Salaries.....	1,217,500	25	576,203	21	15,095	36	32,795	74	16,102	84	54,111	13
Rents.....	55,608	55	7,935	64	1,491	20	4,204	35	1,450	00	4,800	65
Travel.....	31,293	63	18,352	25			325	22			237	40
Expenses.....	39,834	37	6,406	44	2,425	90	1,814	07	680	99	2,669	54
Printing and Stationery.....	16,509	17	3,106	15	6	96	150	56	3,731	85	3,580	18
Total.....	1,360,745	97	612,003	69	19,019	42	39,289	94	21,965	68	65,398	90

Total Revenue..... 1,951,223 89

Total Expenditure..... 2,370,862 89

Net deficit..... 419,639 00

STATEMENT SHOWING REVENUE AND EXPENDITURE BY POINTS AND BRANCHES

REVENUE																						
Points	Inspection		Weighing		Appeal Boards		Registration		License and Bonding		Statistical		Accounting		Research Laboratory		Grain Standards		Adminis- tration		Total	
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
Winnipeg.....	331,656	63	18,452	22	657	00	24,734	93	27,996	00						2	58			452	18	403,951 54
Churchill.....	17,120	17	8,965	99																		26,086 16
Keewatin.....	4,560	00	5,052	36																		9,612 36
Saskatoon.....	11,534	62	8,981	14																		20,515 76
Moose Jaw.....	10,193	42	6,155	45																		16,348 87
Medicine Hat.....	8,793	20	9,222	80																		18,016 00
Lethbridge.....	486	97	314	01																		800 98
Calgary.....	59,703	78	13,893	20	1,524	00																75 120 98
Edmonton.....	46,674	79	5,789	08	525	00																52,988 87
Vancouver.....	139,618	69	134,050	53			6,369	98														280,039 20
Fort William.....	506,994	54	477,530	96																		984,525 50
Toronto.....	4,885	45																				4,885 45
Montreal.....	11,924	67	81	05			7,755	78														19,761 50
Chatham.....	38,570	72																				38,570 72
Total.....	1,192,717	65	688,488	79	2,706	00	38,860	69	27,996	00				2	58				452	18		1,951,223 89

EXPENDITURE

Winnipeg.....	427,784 02	40,961 30	5,895 56	22,476 04	21,965 68	.....	12,747 19	125,124 25	3,625 80	74,771 76	735,351 60
Churchill.....	9,241 01	5,898 91	.....	.....	.....	.....	.....	.....	.....	.....	15,139 92
Keewatin.....	4,560 00	5,052 36	.....	.....	.....	.....	.....	.....	.....	.....	9,612 36
Saskatoon.....	23,912 52	16,241 10	.....	.....	.....	.....	.....	.....	.....	11,688 40	51,842 02
Moose Jaw.....	21,632 89	11,320 00	.....	.....	.....	.....	.....	.....	.....	.....	32,952 89
Medicine Hat.....	9,202 48	9,122 75	.....	.....	.....	.....	.....	.....	.....	.....	18,325 23
Lethbridge.....	5,465 41	3,196 85	.....	.....	.....	.....	.....	.....	.....	.....	8,662 26
Calgary.....	64,907 75	29,557 76	6,500 28	.....	.....	.....	.....	.....	.....	13,807 74	114,773 53
Edmonton.....	72,311 26	13,942 81	6,623 58	.....	.....	.....	.....	.....	.....	.....	92,877 65
Vancouver.....	116,159 46	107,145 73	.....	7,936 03	.....	.....	.....	.....	.....	.....	231,241 22
Fort William.....	496,457 07	365,220 11	.....	.....	.....	65,398 90	.....	.....	.....	10,674 15	937,750 23
Toronto.....	7,296 54	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,296 54
Montreal.....	62,660 02	4,344 01	.....	8,877 87	.....	.....	.....	.....	.....	.....	75,881 90
Chatham.....	39,155 54	.....	.....	.....	.....	.....	.....	.....	.....	.....	39,155 54
Total.....	1,360,745 97	612,003 69	19,019 42	39,289 94	21,965 68	65,398 90	12,747 19	125,124 25	3,625 80	110,942 05	2,370,862 89

Total Revenue.....	1,951,223 89
Total Expenditure.....	2,370,862 89
Net Deficit.....	419,639 00

APPENDIX No. 10

BOARD OF GRAIN COMMISSIONERS FOR CANADA

Regulations in force December 31, 1950

Regulation No.	Subject
1	Registration and Cancellation of Terminal Elevator Warehouse Receipts.
2	Registration and Cancellation of Eastern Warehouse Receipts and Transfer Receipts.
3	Construction of Elevators.
4	Cleaning Grain and Bins, Terminal Elevators.
5	Off Grades for Western Grain.
6	Off Grades for Eastern Grain.
7	Grades of Screenings.
8	Inspection of Samples Taken other than at an Inspection Point.
9	Appeals from Inspection Officers to Grain Appeal Tribunals.
10	Delivery of Grain to Ocean Vessels at Montreal, Quebec.
11	Delivery of Grain to Ocean Vessels at West Saint John, N.B.
12	Delivery of Grain to Ocean Vessels at East Saint John, N.B.
13	Delivery of Grain to Ocean Vessels at Halifax, N.S.
14	Enforcement of Lien by Sale of Grain.
15	Drying of Grain.
16	Fees.
17	Records, Reports and Returns.
18	Procedure, Country Elevators.
19	Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.
20	Maximum Tariff of Charges, Eastern Elevators.
21	Maximum Tariff of Charges and Shrinkage Allowance, Country Elevators.
22	Maximum Tariff of Charges, Terminal Elevators.
23	Applications for Licences and Terms and Conditions under which Licences are Issued
24	Receipt for Storage in Transit for Reshipment out of Canada of Grain Grown outside Canada.

WINNIPEG, Manitoba,
January 19, 1951.

Date Due

Regulation
No.

1	Re				use Receipts.
2	Re				ts and Transfer Receipts.
3	Co				
4	Cle				
5	Off				
6	Off				
7	Gra				
8	Ins				int.
9	Ap				.
10	Del				
11	Del				.
12	Del				
13	Del				
14	Enf				
15	Dry				
16	Fee				
17	Rec				
18	Pro				
19	Receipts for Grain Delivered to Private Country Elevators and Mill Elevators.				
20	Maximum Tariff of Charges, Eastern Elevators.				
21	Maximum Tariff of Charges and Shrinkage Allowance, Country Elevators.				
22	Maximum Tariff of Charges, Terminal Elevators.				
23	Applications for Licences and Terms and Conditions under which Licences are Issued.				
24	Receipt for Storage in Transit for Reshipment out of Canada of Grain Grown outside Canada.				

WINNIPEG, Manitoba,
January 19, 1951.

HD 9044 C25 C24 1950
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